

Session 2017-18

Name of Teacher: Prof Reetinder Brar

Department: Human Development and Family Relations Even Sem

CLASSES	B.Sc 6 th Semester		PG Diploma CGFC	M.Sc 3 rd Semester
Subjects	Old Age		Tools of Measurement and Evaluation	Dissertation
	Theory	Practical		
Month 1	An Introduction to Aging and the Aged-Definition of an old or elderly person. Characteristics of old age. Developmental Tasks of old age.	Report on Old Age Welfare Centres Psychological Test on Elderly	Tests on Marital Adjustment and Parenting	Writing of Introduction, Method
Month 2	Adjustment to physical and motor changes in old age. Psychological changes in old age.	Powerpoint Presentation on Elderly	Mental Health Questionnaire and Depression Scale	Results and Discussion
Month 3	Old age vocational and family adjustments – adjustment to retirement, changes in family like loss of spouse. Elderly Abuse- nature and effects.	Case Study and Display	Infancy, Childhood and Adolescence Scales	Results and Discussion
Month 4	Programs and schemes for the welfare of the elderly. Support systems for the well-being of the elderly	Case Study and Recreational activities on Elderly	Adulthood and Elderly Scales.Orientation to Clinical Setup o	Summary and Typing
Month 5	Revision	Revision	Revision	Typing

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

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Session:- 2017-18

Name of the teacher:- Ranjana Sharma Department:- Botany Semester:-1

CLASSES	B.Sc. Home Science Theory	B.Sc. Home Science Practical
Subjects	Applied Botany 1	Applied Botany 1
Month 1 (JULY)	Study of different types of soil - sand, clay, loam, alluvial soil, peat and gravel soil	Study of garden implements Study of compound microscope
Month 2 (AUG.)	Study of different types of soil operation, organic manures.	Study of dissecting microscope Preparation of temporary slide of onion peel. Study of fibre yielding plants.
Month 3 (SEPT.)	Difference between manures and fertilizers. Inorganic fertilizers, seed propagation, vegetative propagation - by cutting, layering methods. Study of fibre yielding plants.	To prepare a pot for sowing seeds and study different seed sowing methods. To prepare a pot for repotting of chrysanthemum.
Month 4 (OCT.) 10.10.17-17.10.17	Vegetative propagation by cutting and grafting method, seed propagation, study of oil yielding plants	Propagation of roses by cutting method Propagation of croton and coleus by cutting method Study of oil yielding plants.
Month 5 (NOV.)	Vermicomposting, bio-fertilizers, study of condiments and spices, elementary knowledge about plant tissue culture and mushroom cultivation.	Propagation of plants by whip and tongue grafting Propagation by wedge grafting Study of condiments and spices yielding plants.

Ranjana Sharma

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2017-18

Name of the teacher:- Ranjana Sharma Department Botany Semester:- 2

CLASSES	B.Sc. Home Science Theory	B.Sc. Home Science Practical
Subjects	Applied Botany 2	Applied Botany 2
Month 1 (JAN.)	Principal and planning of kitchen garden. Principal and planning in laying out of a garden. Study of beverage yielding plants.	Preparation of temporary slide of Rhoeo plant. To prepare a bed for raising seedlings.
Month 2 (FEB.)	Cultivation and care of lawns. Cultivation and care of hedges. Elementary knowledge about cultivation, care and maintenance of Bonsai. Elementary knowledge About cultivation, care and maintenance of Coleus.	To prepare a bed for sowing and cultivation of potatoes. To prepare a bed for transplanting vegetables. To demonstrate propagation of plants by layering method. To demonstrate hoeing, mulching, weeding, staking and tying.
Month 3 (MAR.) 08.03.18-12.03.18 MID-SEM. EXAM.	Elementary knowledge about cultivation, care and maintenance of crotons. Elementary knowledge about cultivation, care and maintenance of roses. Study of dye yielding plants.	To demonstrate propagation of plants by budding methods. To study dye yielding plants
Month 4 (APR.)	Elementary knowledge about cultivation, care and maintenance of chrysanthemum. To study medicine yielding plants.	To study medicine yielding plants. Revision of practical syllabus.

Ranjana Sharma

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2017 - 2018

Name of the teacher:- Dr. Rajesh Biswas , Department:-Zoology, Semester:- Ist semester (July 17- November17)

CLASSES	B.Sc. Home Science , I-Semester	B.Sc. Home Science, I - Semester
Subjects	Applied Zoology-I, (Theory)	Applied Zoology-I,(Practical)
Month 1(July.)	UNIT- I An elementary study of the following animals as indicated: 1. Malaria parasite: Detail life history and mode of transmission. 2. Entamoeba histolytica and Entamoeba coli: Habit distribution ,disease produced and mode of transmission. 3. Trypanosomagambiense and Leishmania dononani : Habit distribution, disease produced and mode of transmission. 4. Taenia solium, Ascaris lumbricoides: External feature life history , disease caused and mode of transmission. 5. Fasciola hepatica and Wucheria bancrofti: life history , disease caused and mode of transmission .	1. Phylum based identification and Economic importance of Invertebrates and Vertebrates present in the laboratory.
Month 2(Aug.)	Unit-II An elementary study of Insect Pest 6. Life history and economic importance of insect pest: Rice Weevil (Sytophillus), Lesser Grain Borer (Rizopertha), Gram Dhora (Callosobruchus), and Rust Red Flour Beetle (Tribolium). 7. Control of insect pest : Cockroach, Termite. 8. Grain Storage: Principles of toxicology with reference to home. 9. Habit habitat and life history only: Mosquito(Culex & Anopheles).	1. Phylum based identification and Economic importance of Invertebrates and Vertebrates present in the laboratory. 2. Identification of slides and specimens: Malaria parasite(Plasmodium), Fasciola hepatica(life stages also), Ascaris, Taenia solium, .
Month 3 (Sept.)	UNIT-III Economic important insect and Earthworm 10. Honey bee: Habit habitat and life history only. 11. Silk moth: Habit habitat and life history only. 12. Lac insect: Habit habitat and life history only	1. Phylum based identification and Economic importance of Vertebrates present in the laboratory. 3. Identification of available insect pest and their life stages.
Month 4(Oct.) Mid-Sem-Exam 10.10.2017 to 17.10.2017	Unit-III 13. External feature life history and economic importance of Earthworm Unit-IV 14. Elementary knowledge of Apiculture. 15. Elementary knowledge of Sericulture. 16. Elementary knowledge of Vermiculture.	3. Identification of available insect pest and their life stages. 4. Preparation of temporary mounts of mouth parts of cockroach
Month 5(Nov.)	Unit-IV 17. Elementary knowledge of Poultry(important breed of poultry, selection of breed, Housing, Feeding and common ailment such as Ranikhet, coccidiosis, fowl pox and fowl cholera, only) Unit-IV 18. Elementary knowledge of Prevention of Bird flue. 19. Elementary knowledge of composite and integrated fish (cultivation of major carps only) culture in pond only (excluding induced breeding). Revision	5. Visit to Poultry farm. 6. Vermiculture. 7. Project report on field visit to renowned poultry Revision



GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2017 - 2018

Name of the teacher:- Dr. Rajesh Biswas , Department:- Zoology, Semester:- II- semester(Jan, 18- Apr. 18)

CLASSES	B.Sc. Home Science, II- Semester	B.Sc. Home Science, II- Semester
Subjects	Applied Zoology-II(Theory)	Applied Zoology-II (Practical)
Month 1(Jan.)	UNIT- I 1. An Elementary Knowledge of Structure and Function of DNA. 2. An Elementary Knowledge of Structure of RNA. UNIT- II 5. Heredity- • Simple Inheritance(According to Mandel-law) • Monohybrid and dihybrid cross • Incomplete inheritance. 4. An Elementary Knowledge of Structure of human Chromosomes their variation.	1. Blood grouping(ABO) 2. Measurement of Blood pressure (Demonstration). 3. Demonstration of Extraction of DNA.
Month2(Feb.)	UNIT- II 5. Heredity- • Simple Inheritance(According to Mandel-law) • Monohybrid and dihybrid cross • Incomplete inheritance 6. Human genetics • An Elementary knowledge ABO and Rh Blood groupings. • An Elementary knowledge of Genetic basis of blood groups(ABO and Rh) 7. Hereditary Diseases • An Elementary Knowledge of Autosomal and sex chromosomal abnormalities. • An Elementary knowledge of Genetic basis of common hereditary diseases such as Haemophilia, Colour-blindness, Mongolism, Diabetes, Thalassemia . 7. Hereditary Diseases • An Elementary Knowledge of Autosomal and sex chromosomal abnormalities. • An Elementary knowledge of Genetic basis of common hereditary diseases such as Haemophilia, Colour-blindness, Mongolism, Diabetes, Thalassemia.	4. Demonstration of submarine Electrophoresis of extracted DNA in Agarose Gel. 5. Demonstration of Visualization of Extracted DNA by staining it with Ethidium Bromide.
Month 3(Mar.) Mid-Sem-Exam 08.03.2018 to 12..03.2018	UNIT-III 8. An elementary knowledge of Gene, Genome and Genomic. 9. An elementary knowledge of Genetic engineering. 10.An elementary knowledge of Transgenic product -Bt-Products, Golden Rice, Flavr-Savor Tomato. 11.An elementary Knowledge of Polymerase Chain Reaction(PCR)	5. Demonstration of Visualization of Extracted DNA by staining it with Ethidium Bromide. 6. Demonstration of Polymerase Chain Reaction(PCR)
Month 4(April)	Unit-IV 12.An elementary knowledge of Biotechnology. 13.An elementary knowledge of Stem cell research. 14.An elementary knowledge of AIDS and its control. 15.An elementary Knowledge of Forensic DNA Diagnostics. 16.An elementary Knowledge of Swine Flu. Revision	6. Demonstration of Polymerase Chain Reaction(PCR) 7. Project report on visit to renowned Revision

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH
Session:- 2017-2018 Name of the teacher:-Dr. Ritu Pradhan Department:-Foods and Nutrition Semester:-I,3&5 (Jul-Dec 2017)

CLASS S	PG diploma Nutrition and dietetics (sem-1)		B. Sc. Dietetics (sem-5)	M. Sc. Foods and nutrition (sem-1)		M. Sc. Foods and nutrition (sem-3)	
	Subjects	Applied nutrition-1		Project	Fundamentals of food science-1	Public health nutrition-1	Scientific writing
July	Formulation of RDA and dietary guidelines Concept of body composition	Orientation and participation of various competitions Cookery Theme based competition	Introduction to food science Basic terminology Food acceptability Tests for sensory evaluation	Public Health Nutrition - Aim, scope and content of Public health nutrition, Role of nutrition in national development, Health Care Systems Health - definition, dimensions, determinants and indicators, Health care systems in the community	1 Scientific writing as means of communication Different forms of scientific writing	Allocation of students to guides Supervisor	
Aug	Concept of Kilocalories and KiloCalories RFL, E, NBR, BMR, PLE, TEE BMR energy balance	Display and keep up of department boards as per theme of month / activities	Organic foods, genetically modified foods, food acceptability food packaging	Public Health Aspects of Under nutrition, Chronic Energy Deficiency, PLM, SAM, Prevention and management of Malnutrition, Anaemia	2 formulation of outlines Kinds of outlines	Deciding of topic Synopsis	
Sept	Nutritional and lifestyle management Pregnancy and lactation Infancy Childhood	Participation in various national/ regional programmes . Display and keep up of department boards as per theme of month / activities	Role of colloidal chemistry in cooking Definition of colloidal systems Hydrophilic and Hydrophobic colloids	Iodine Deficiency Disorders Approaches/ Strategies for Improving Nutrition and Health Status of the Community • Health based interventions including immunization, provision of safe drinking water/ sanitation	3. Drafting titles, subtitles, tables, and illustrations Formatting tables Appendices. Use and guidelines 4. The writing process, Using outline as a starting device . Drafting, Reflecting, rereading (checking organization, checking headings, checking content, checking clarity, checking grammar). Brevity and precision in writing. Drafting and re-drafting based on critical evaluation	Preparation of tools/questionnaire Data collection/dietary survey/Experimental work	
Oct	Adolescent, Adulthood, Old age Concept of balanced diet and diet therapy, Consistency modification Nutrient modification	Display and keep up of department boards as per theme of month / activities	Gel formation and emulsions. Food adulteration	Food based interventions including food fortification, dietary diversification, supplementary feeding and biotechnological approaches Diarrhoea and Malnutrition Nutrition, agriculture and food Security Food and nutrition security	5. Parts of dissertation/research report/article Introduction Review of literature Methods Results and discussion Summary and abstract References	Data collection and experimental work	
Nov	Team approach to healthcare Nutritional support and type of feeding Enterical and parental	Development and preparation of charts and posters and audio visual / teaching aids	Food quality assurance: • National and international food laws - FSSAI, Codex and ISO Quality assurance procedures - GMP, GHP, HACCP	Food and nutrition situation and food security in India Food and nutrition security and programmes Food insecurity warning and mapping systems for nutritional vulnerability Public Sector programmes for improving of food and nutrition security Right to Food act Public Distribution System	6. Writing for grants The question to be addressed Rationale and importance of the question being addressed Empirical and theoretical framework Presenting pilot study (data or background information Research proposal and timeframe Specificity of methodology Organization of different phases of study Expected outcome of study and its implications	Data collection/dietary survey / experimental work Data entry and analysis with continuous modifications	
Dec	Revision of syllabus	Display and keep up of department boards as per theme of month / activities	Revision	Doubt classes and revisions	Budgeting Available infrastructure and resources Executive summary	Data entry and analysis	

Ritu Pradhan

Session:- 2017-2018 Name of the teacher:-Dr. Ritu Pradhan Department:-Foods and Nutrition Semester:-2, 4 & 6 (Jan-May-2018)

CLASSES	PG diploma Nutrition and dietetics (sem-2)		B. Sc. Dietetics (sem-6)	M. Sc. Foods and nutrition (sem-2)	M. Sc. Foods and nutrition (sem-4)	
Subjects	Applied nutrition-2	Seminar-2	Fundamentals of food science-2	Dissertation	Community nutrition	Dissertation
Jan	Dietary Fiber, Antioxidants, Functional foods, Fatty acids, Nutraceuticals, Water Weight management, Underweight Overweight	Seminar's topics discussion and finalisation	Structure, composition, classification, selection, storage, anti nutritional factors and uses in cookery: Meat and fish Milk and milk products Nut and oil seeds	Allotment of students to guides/Supervisor	1. Causes of Malnutrition Combating some of the public health problems by: a. Immunisation b. Supplementary feeding programmes. c. Improving the quality of food produced by genetic approach and fortification. d. Supplementation. e. New improved foods.	First draft of Introduction/Review of Literature/Methodology
Feb	Dietary and behavioral modification Eating disorders Food allergy-management and elimination diet	Seminar conducted	Fruit and vegetables Beverages- tea, coffee	Topic finalisation	Food Toxins: a) Natural b) Chemical c) Microbial Effect of toxins on health and nutritive value of food.	Submission of finalized Introduction, methodology, review of literature and results and discussion
Mar	Food intolerance Gluten and lactose Febrile conditions	Seminar conducted	Fats and oils Sugars	Synopsis	Food preservation and Principles of Food Preservation Methods of Food Preservation	Review of work with simultaneous modifications and additions
April	Unit-4 Dietary modifications and counseling during metabolic stress Injury Trauma Sepsis HIV/AIDS	Seminar conducted	Spices and herbs Safe food handling techniques	Preparation of tools/questionnaire	Communication media & methods in nutrition education - Administration of nutrition programme in India and assessment of existing programmes. Nutritional assessment of community nutrition	
May	Revision		Revision of subject and assignments	Final preparation of questionnaires and tools	Revision of the subject	Finalization and submission of dissertation content along with summary and conclusion etc.

Ritu Pradhan

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: 2017-2018 (July- December)

Name of the teacher: Neelam Kumari

Department: Human Development and Family Relations

CLASSES	B. Sc. Home Science 1 st Semester	B. Sc. Home Science 3 rd Semester		MSc Home Science (Human Development and family Relations) 1 st semester	MSc Home Science (Human Development and family Relations) 3 rd semester	
Subjects	Introduction to Human Development-I	Development in Infancy		Effective Parenting Skills	Assessment in Human Development	Positive development in adolescence and emerging adulthood
August 2017	Observation method, Observation of an infant	Cognitive development in Infancy	Market Survey of Infants items	Introduction, The task of parenting and the concept of parenting skills	Concept, tools, ethics, professional issues	Recent trends in researches on developmental issues
September 2017	Preparation of poster on any topic pertaining to human development.	Factors affecting Cognitive and language development	Folder on Play activities and lullabies	Changing concept of parenthood, Being a competent parent	Concept of norms, types Concept of reliability, types, factors	Workshops related to the development of Self/Identity/Personality and lifestyle
October 2017	Preparation of slogans related to issues of human development.	Language development, Pre-speech Communication	Toy: Motor Skill, Socio-emotional development	Parenting roles, characteristics, family life cycle	Concept of validity, types, factors	Case study on an adolescent from broken families, single parent families etc.
November 2017	Interview method.	Role of family member, Physical care of Infants	Poster: All round development	Home visit and interview of parents.	History of psychological testing, nature	Group guidance on homosexuality, substance abuse, sex education etc.
December 2017	Interview of mothers related to their feeding and weaning	Emotional pattern Common play	Presentation of File work Feedback	A need-based intervention program for parents	Hypothesis testing and evaluation	Institutional visits to various agencies working with adolescents.

Neelam

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: 2017-2018 (January-May)

Name of the teacher: Neelam Kumari

Department: Human Development and Family Relations

CLASSES	B. Sc. Home Science 4 th Semester		MSc Home Science (Human Development and family Relations) 2 nd Semester	
Subjects	Development in Early Childhood		Development of creativity in children	
January 2018	Physical development in Early Childhood	Observations of Play activities of Pre-school	Creativity: definition, concept, types, problem solving, Scope	Tests of creativity (any one)
February 2018	Motor Skills in Early Childhood	Folder: All round development	Psychology-dynamic and psychometric approach	Surveying modern creative techniques using different schools
March 2018	Cognitive development, Factors affecting	Interview of Mothers on Parenting	Cognitive and confluence approach	Plan and develop a resource file of creative activities
April 2018	Language development and its factors	Display: All round development of Children	Role of creativity in development of child, Relation between creativity and intelligence	Workshop plan for giving orientation to enhance creativity in children
May 2018	Play: Importance and Types	Presentation of File work Feedback	Influence of child rearing practices, brainstorming etc	Executing the workshop

Neelam

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: 2017-2018

Name of the teacher: - Dr. Chhaya Verma

Department: Clothing and Textiles

Semester: July, 2017-Dec,2017 (Odd semester)

CLASSES	B.Sc. (F.D.)- 3 rd Sem	B.Sc. (F.D.)- 3 rd Sem	M.Sc. (C&T)- 3 rd Sem		M.Sc. (C&T)- 3 rd Sem	
Subjects	Pattern Making-I (Th)	Pattern Making-I (Pr)	Textile Designing (Th)	Textile Designing (Pr)	Dyeing & Finishing (Th)	Dyeing & Finishing (Pr)
July,2017	Terminology used in Pattern making	Drafting of child's bodice block and sleeve block	-Textile Design- meaning and scope -Elements and principles of Design - types of looms with their parts.	Designing for household textiles on sheets: Setting up of handloom and making samples of basic weaves.	Defination and classification of dyes - Dye fiber interaction Role of fiber structure in dyeing Application of dyes on different fabrics Dyeing of blends Dyeing machinery	Scouring and bleaching of cotton. Dyeing of cotton with direct dye.
August,2017	Anthropometric measurements	Drafting and adaptation of Puff sleeve, Reglan sleeve, Bell sleeve, Magyar sleeve	-Weaving – Types of weaves and their drafting and lifting plans -Knitting and its Classification -Knitted fabric defects -Non-Wovens	Designing of dress material on sheets for Kids & Women Making articles of macramé and knitting	Colour measurement- Theories of dyeing Water types and impurities and methods of softening After treatment of dyed fabrics	Dyeing of cotton with azoic, reactive and acid dyes
September,2017	-Different methods of Pattern Development -Method Drafting Methods of dart manipulation	Drafting and adaptation of Cap sleeve Leg-o-mutton sleeve, Kimono sleeve and Petal sleeve	-Styles of Textile Printing: Direct, Resist, Discharge, Blotch, Flock and Duplex	Making article of Tie and dye,	Importance & Classification of finishes Basic preparation of fabrics- - Cotton, Wool and silk	Dyeing of silk with direct, basic and reactive dyes. Dyeing of wool with acid, basic dyes.
October,2017 (Mid-Term Exam 10/10/2017- 17/10/2017)	Fitting problems and remedies related to bodice	Drafting and adaptation of Peter Pan collar, Shawl collar, Baby collar and Sailor's collar	-Thickening agents Revision	Batik and Stencil printing	preparation of fabrics- Manmade fabrics Finishes that affect hand or texture	Extraction and application of any one natural dye using natural source on cotton,silk and wool.
November,2017	Fitting problems and remedies related to Sleeve and Skirt	Drafting and adaptation of Cape collar, Convertible collar, Mandarin collar and Polo neck	-Methods of textile printing: Block, Stencil Screen, flat and rotary, Roller, Heat transfer and Digital printing - Printed fabric defects	Making samples and articles of Screen and Block printing	Special purpose finishes	Application of direct dye with different mordants

Chhaya Verma

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: 2017-2018 (even semester)

Name of the teacher: Dr. Chhaya Verma

Department: Clothing and Textiles

Semester: Jan, 2018-May, 2018

CLASSES	B.Sc. (F.D.)- 4 th Sem	M.Sc. (C&T)- 2 nd Sem	M.Sc. (C&T)- 2 nd Sem
Subjects	Pattern Making-II (Pr)	Textile Testing (Th)	Textile Testing (Pr)
January, 2018	Drafting of adult bodice block and sleeve block	Objectives and Role of Textile Testing Sampling, Standard atmosphere for textile testing, Moisture relations and testing,	Fiber Tests: Fiber Bundle Strength - Cotton Fiber Length Distribution
February, 2018	Preparation of muslin pattern and test fit	Physical testing of fibers: Fiber length and length distribution, density and specific gravity, fibers fineness and maturity. Mechanical, Thermal, electrical and optical properties of fiber	Yarn Tests: Structure - Yarn Count - Breaking Strength Fabric Analysis: Width, Count, Thickness, Weight and Crimp
March, 2018 (Mid-Term Exam 08/03/2018-12/03/2018)	Dart manipulation (slash Spread Techniques, Pivotal) Single Dart Two Dart	Physical testing of yarns: Yarn types and structure, Twist and twist measurement, Yarn count and diameter determination. d) Breaking strength of yarns	Breaking Strength & Elongation - Bursting Strength - Tearing strength
April, 2018	Style lines Classic Princess syle line Armhole Princess Project	Fabric testing: thread count, weight, crimp, thickness. Porosity, air- permeability, thermal conductivity and Dimensional stability of fabrics	Dimensional change in laundering Drapability Seam Slippage
May, 2018	Blouse with princess seam line	Mechanical properties: breaking, bursting and tearing strength of fabrics. Crease recovery, bending stiffness and drapability of fabrics, Serviceability of fabrics	Colour fastness to: Laundering, Crocking, Pressing, Perspiration and Sunlight

Chhaya

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2017-2018

Name of the teacher: - Dr. Sonia

Department:- Clothing and Textiles

Semester:- July'2017-Dec'2017

CLASSES	B.Sc. (F.D.)- 3 rd Sem	B.Sc. (F.D.)- 5 th Sem	M.Sc. (C&T)- 1 st Sem	M.Sc. (C&T)- 1 st Sem
Subjects	Garment Design (Pr)	Pattern Making-II (Pr)	Fabric Science (Th)	Fabric Science (Pr)
July,2017	Casual skirt and top Jump Suits	Basic Skirt Block Sloper of Basic Skirt	Molecular Structure Polymers and its types Polymerization	Cotton
August,2017	One Piece dress Formal trouser	A-Line Skirt Full circular Skirt Flared Skirt Four Gored Skirt Six Gored Skirt	Intermolecular and Intramolecular forces Physical Properties of fibers, Innovation in fibers	Wool, Nylon, Silk
September,2017	Formal Jacket Formal Gown	Peplum Skirt Tiered Skirt Knife Pleated Skirt	Cotton, Linen, Jute, Silk, Wool, Pineapple Banana, Palm, Bamboo, Hemp	Polyester, Acrylic
October,2017 (Mid-Term Exam 10/10/2017-17/10/2017)	Sports wear	Yoke Skirt Grading	Rayon and its types, Acetate, Triacetate, Polyester, Nylon 6 & 66, Acrylic and Modacrylic, Polyethylene	Terylene Terrywool
November,2017	Night Wear	Inverted Box Pleated Skirt Stitching of Basic Skirt	Polypropylene, Spandex, Technical Textiles, Smart Textiles, Fabric Composites	Terycot, Technical Textiles

Dr. Sonia

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2017-2018

Semester:- Jan'2018-May'2018

Name of the teacher: - Dr. Sonia

Department:- Clothing and Textiles

CLASSES	B.Sc. (F.D.)- 4 th Sem	B.Sc. (F.D.)- 4 th Sem	M.Sc. (CT)- 2 nd Sem	M.Sc. (CT)- 4 th Sem
Subjects	Traditional Embroideries (Th)	Traditional Embroideries (Pr)	Dissertation	Dissertation
January,2018	Phulkari of Punjab Chamba Rumal of Himachal Pradesh	Phulkari of Punjab Kantha of Bengal	Allotment of students to Guides/Supervisors	First draft of Introduction Review of literature Methodology
February,2018	Kashida of Kashmir Kutch of Gujarat Kantha of Bengal	Kutch of Gujarat Mirror work	Topic finalisation	Submission of finalized Introduction, Review of literature, Methodology
March,2018 (Mid-Term Exam 08/03/2018-12/03/2018)	Chikankari of Uttar Pradesh Kasuti of Karnataka	Chikankari of Uttar Pradesh Kasuti of Karnataka	Synopsis	Results and Discussion
April,2018	Sindhi and Kathiawar Maipuri	Sindhi Embroidery	Questionnaire preparation	Finalization of all chapters of disseration

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GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH
Semester:- July to Dec 2017

Name of the Teacher :- Dr.Neha Sharma

Session:- 2017-18

Department:- HDFR

CLAS SES	B.Sc. H.Sc. HDFR 5 th Sem	B.Sc. H.Sc. HDFR & Composite 5 th Sem	M.Sc. Home Science HDFR 1 st Sem	P.G.Diploma in Child Guidance & Family Counselling 1 st Sem	M.Sc. Home Science HDFR 3 rd Sem	M.Sc. H.Sc. HDFR 3 rd Sem
Sub	Introduction to Theories of Human Development-I	Development in Adolescence (Practical)	Socialization in various family contexts across different cultures (theory)	Theoretical Perspectives in Child Development- I	Scientific writing	Dissertation
July	-Concept of a Theory what is a theory, brief steps of its formulation. -Importance of theories in human development. -Psychoanalytic theories – Freud and Erikson. -Behavior and social learning theories – Pavlov, Watson, Bandura.	Administer and interpret any psychological test related to each of the following: -Family relationship/Family environment -Problems of adolescents. -Mental health.	An Introduction to family – Issues and Change. -Functions -Marital and gender roles -Family life styles – cultural variations. Socio – cultural studies of family patterns in India. -Family structure – Traditional extended joint families -Alternate families – Single parent, step-children, female headed -Causes and effects of different family structures on changing roles of family.	-Introduction to theoretical perspectives in child development -Principles of child development	Scientific writing as means of communication -Different forms of scientific writing (articles in journals, research notes and reports review articles, monographs, dissertations, bibliographies, book chapters, and articles in other publications). How to formulate outlines -The reason for preparing outlines as a guide for plan of writing and as a skeleton for the manuscript -Kinds of outlines (topic outlines, conceptual outline, sentence outline, combination of topic and sentence outline)	Dissertation
Aug	-Cognitive developmental theories – Piaget -Information processing theories -Sociocultural theories – Vygotsky -Ethology and evolutionary theories – Konrad Lorenz, John Bowlby -Ecological systems theory – Urie Bronfenbrenner.	Survey any ten families for understanding family conflicts adolescents have and prepare a report of the same.	Social class variations in family life styles Family and societal influences -Work and family -Education and family -Religion and family -Health and family -Ecology and family -Socio-economic status and family	-Introduction to Theories -Trends and issues in child development (the nature of development, the process that guides development, the importance of age, individual differences)	Drafting titles, subtitles, tables, and illustrations. -Tables as systematic means of presenting data in rows and columns and lucid ways of indicating relationships and results. -Formatting tables -Appendices. Use and guidelines The writing process -Getting started -Using outline as a starting device -Drafting -Reflecting, rereading (checking organization, checking headings, checking content, checking clarity, checking grammar) -Brevity and precision in writing -Drafting and re-drafting based on critical evaluation	Dissertation
Sept	-Pavlov's Classical Conditioning -Watson's Operant Conditioning	-Prepare a display related to issues concerning adolescents	-Family violence, battered women, child maltreatment, Sexual abuse -Dowry -Divorce and remarriage -Gender roles -Live-in relationships	-Physical development in infancy -Perceptual development -Cognitive development (Piaget's sensori-motor period) -Psychosocial development in infancy (Erikson's theory)	Parts of dissertation/research report/article -Introduction -Review of literature -Methods -Results and discussion -Summary and abstract -References	Dissertation
Oct	-Structure of the environment in ecological system theory – The microsystem, mesosystem, exosystem and macrosystem Influence of ecological systems on development	Interview ten adolescence and report the following -Problems faced during pubertal changes -Health related concerns -Problems related to heterosexual relationships.	- Child rearing and socialization in different tribes -Marital and family relationships, patterns of interaction throughout life-cycle	-Physical and motor development -Cognitive development (Piaget's preoperational period) -Psychosocial development in early childhood (Erikson's theory) -Ecological theory (Bronfenbrenner's theory)	Writing for grants -The question to be addressed -Rationale and importance of the question being addressed -Empirical and theoretical framework -Presenting pilot study/data or background information -Research proposal and time frame -Specificity of methodology -Organization of different phases of study -Expected outcome of study and its implications -Budgeting -Available infra-structure and resources -Executive summary	Dissertation
v	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Dissertation

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Name of the Teacher:- Dr.Neha Sharma

Session:- 2017-2018

Department:- HDFR

Semester:- JAN – MAY 2018

CLAS SES	B.Sc. H.Sc. HDFR 6 th Sem	B.Sc. H.Sc. HDFR & Composite 6 th Sem	M.Sc. Home Science HDFR 2 nd Sem	P.G.Diploma in Child Guidance & Family Counselling 2 nd Sem	M.Sc. Home Science HDFR 4 th Sem	M.Sc. H.Sc. HDFR 4 th Sem
Subjects	Introduction to Theories of Human Development-II	Development in Early and Late Adulthood (Practical)	Theories of Developmental Psychology	Theoretical Perspectives in Child Development-II	Care of the Elderly (Practical)	Dissertation
Jan	Freud - Brief description of the psychosexual stages of development. -Contribution and limitations of the theory.	Administer and interpret any psychological test related to any one of the following: -Mental Health of young adults. -Well-being of young adults. -Mental Health and well-being of retired individuals.	Developmental theory. Value of a developmental theory: Organizing information, Guiding research, Main issues of developmental psychology Piaget's Cognitive-Stage Theory	Middle Childhood -Physical development - Cognitive development (Piaget's concrete operational period) -Psychosocial development in middle childhood (Erikson's theory) -Language development	-Emergence and scope of gerontology and elderly care -Historical perspectives, demographic trends in India -Concept of aging and problems: Social, medical, psychological problems, occupational etc.	Dissertation
Feb	Erikson -Brief description of the psychosocial stages of development. -Contribution and limitations of the theory.	Conduct a survey of 5 young couples and assess adjustments made by them in the following areas -Relationship with spouse. -Relationship with in-laws. -Parenting.	-Freud's Psychoanalytic Theory -Eric Erickson's Psycho-social Theory	Adolescence -Physical development -Cognitive development (Piaget's formal operational period) -Psychosocial development during adolescence (Erikson's theory)	Aging process -Biological and physiological aspects, psychological aspects, social aspects: Social status, retired status, single status, economic status, security, guide and Teacher, social adjustment and recognition. -Spiritual aspects: Karma theory and religion. -Economic aspects	Dissertation
Mar	- Comparison of Freud's and Erikson's stages of development -Kohlberg's theory of moral development	- Prepare a display for bulletin board concerning topics related to early and late Adulthood	-Information-Processing Theory -Bandura's Social Learning Theory	The Behavioral Perspective -Behavioral models of development (Classical conditioning and operant conditioning, factors influencing behavior) -Bandura's social learning theory (theoretical viewpoint, the importance of vicarious learning)	-To conduct panel discussion/focus group discussion on adjustment patterns and changing styles - Placement in old age homes for conducting activities related to leisure, nutrition, health, motivation, self worth, attitude towards retirement etc.	Dissertation
Apr	- Nature vs. Nurture- Stance of various theories. -Continuity vs. discontinuity – Stance of various theories.	-Collect you-tube or power point presentations related to problems faced in late adulthood and make a presentation in class.	-Vygotsky's Socio-cultural Theory -Urie Bronfenbrenner's Ecological Systems Theory	- Emerging trends and issues Comparing theories of human development in the context of -Counselling (consistency, accuracy, relevance, simplicity).	-Preparing report files related to the services and programs for the aged in the country. -Arranging special service/counseling activities for the aged with the help of resource persons, yoga lectures etc.	Dissertation
May	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Dissertation

18

Name of the teacher: - Mrs. Mona Soin

Semester: - I & III (July 2017 to December 2017)

CLASS	B.Sc.[H.Sc.] Semester III	
Subjects	Applied Physics I	
	Theory	Practical
July 2017	Unit-I-Matter, States of Matter – Solid, Liquid, Gas, Plasma (Definition and Characteristics), Atoms, Elements, Molecules, Inter-molecular forces, Types of intermolecular forces – Force of Adhesion & Force of Cohesion, Molecular range, Sphere of Influence, Surface film and Surface tension (Definition only), Detailed Account of Molecular theory of Surface Tension, Short note on Detergents and Surface Tension Common illustrations/ applications of surface tension.	1] Measurement of diameter of a small spherical body using Vernier Callipers 2] Measurement of room temperature and high temperatures of a liquid in °C and to convert the temperature to °F
August 2017	Unit-II -Brief account of Capillary, Capillarity and Angle of contact, Practical applications of Capillarity in everyday life, Heat-General idea about Modes of Transfer Of Heat- Conduction, Convection, Radiation , Applications / Illustrations of transfer of heat in day to day life, Short note on Solar cooker	3] Measurement of temperature of human body in °F and to convert the temperature to °C 4] To verify the first law of transverse vibrations in a stretched string using sonometer
September 2017	Unit-III -Define – Periodic motion, Oscillatory motion, Vibration, Oscillation, Time period, Frequency, Amplitude, Wave motion and Wave length, Types of Waves-Mechanical, Electromagnetic and Matter Waves (Definitions), Brief idea about types of Mechanical wave motion-Transverse and Longitudinal wave motion, Essential conditions for transverse and longitudinal waves to travel through a medium, Difference between transverse and longitudinal wave motion, Definitions of Crest, Trough, Compression, Rarefaction	Revision 5] To verify the second law of transverse vibrations in a stretched string using sonometer
October 2017 [Mid Term Exams Oct. 10-17, 2021]	Characteristics of wave motion, Velocity-Frequency(v-n) relationship, Simple numericals with direct substitution(v-n-T) Unit-IV -Simple idea about Superposition of waves, Superposition Principle and Stationary Waves, Production of Transverse stationary waves in a stretched string, Laws of Transverse vibrations of a stretched string, Define Free, forced & resonant vibrations with examples.	6] To find velocity of sound at 0°C using first resonance position and by applying end correction 7] To find velocity of sound at 0°C using two resonance positions
November 2017	Short notes on Human voice organ, Sound Insulation, Hearing aids, Acoustics of Buildings, Define Free, forced & resonant vibrations with examples, Short notes on Human voice organ, Sound Insulation, Hearing aids, Acoustics of Buildings. Revision	Revision



GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2017 - 2018

Name of the teacher: - Mrs. Mona Soin
Semester: - II & IV (January 2018 to May 2018)

Departments: - Physics

CLASS	B.Sc.[H.Sc.] Semester III	
Subjects	Applied Physics I	
	Theory	Practical
January 2018	Unit I-Photoelectric effect. Experimental study of photo electric effect. Effect of intensity, potential and frequency on photoelectric current. Laws of photoelectric emission, Einstein's photoelectric equation and Explanation of laws of photoelectric emission on the basis of Einstein's equation. Photo Electric Cell (phototube) and some of its applications	1]Measurement of area, volume and total surface area of a glass slab using Vernier Callipers.
February 2018	Unit-II - LASERS- Introduction. Einstein's quantum theory of radiation-Spontaneous emission, Spontaneous absorption and Stimulated emission. Common components of all Lasers. Lasing Action . Application/Uses of Lasers-Medical . Scientific, Industry and Commercial . Laser Fundamentals. Laser Hazards. MASERS-Introduction. Production of Masers. Applications of Masers Unit-III. Brief account of Atomic Nucleus. Atomic Number. Mass Number. Nuclide, Nuclear charge, Nuclear size and Nuclear density. Isotopes, Isobars and Isotones-Definition and examples. To calculate number of protons, neutrons, electrons, atomic number and mass number in a given element	2]Measurement of Internal diameter, depth and volume of a beaker using Vernier callipers 3]Measurement of diameter of a metal wire using a screw gauge and find its volume.
March 2018 [Mid Term Exams March 08-12,2018]	Unit III-Einstein's Mass-Energy relationship, Nuclear forces, Characteristics of Nuclear forces, Elementary idea about Radio Activity – Natural & Artificial, Definition of Half life and average life of a radioactive substance, Units of radioactivity , Radioisotopes and their uses in Medicine, Industry, Agriculture, Carbon dating	4]Measurement of length and diameter of a rice grain using screw gauge. 5] To find resistance and power of a glowing bulb and to calculate energy consumed by it in given hours.
April 2018	Unit-IV -Nuclear reactions- Nuclear Fission and Fusion, Difference between the two,Brief idea about Controlled and Uncontrolled chain reactions, Conditions for self propagating Chain reaction and Neutron Reproduction Factor, Nuclear Reactor – Principle, Construction and Working, Some uses/ applications of Nuclear Reactor.Short notes on Radiation hazards and Safety Measures. Revision	6]To verify Ohm's law. 7]To study a circuit breaker. Revision

Amey

Session:- 2017-2018

Name of the teacher:- Mrs. SEEMA JAITLEY Department:- ART Semester:- III Sem

CLASSES	BSc. (HSC.) IIIrd Semester
Subjects	ART IN EVERYDAY LIFE
Month 1	<ul style="list-style-type: none"> What is ART? and Importance
JULY 2017	<ul style="list-style-type: none"> Explained the elements of Art Made sheets on elements
Month 2	<ul style="list-style-type: none"> PPT made on above topic Principles of Art
AUGUST 2017	<ul style="list-style-type: none"> Made sheets/Notes on the topic
Month 3	<ul style="list-style-type: none"> Colours, its types, importance Warmth and Coolness of the Colours
SEPTEMBER 2017	<ul style="list-style-type: none"> Impact of Colours
Month 4	<ul style="list-style-type: none"> Sheets made on types, warm/cool colours - HUES of
OCTOBER 2017	<ul style="list-style-type: none"> Types of colours Design and its types Properties of Colours
Month 5	
NOVEMBER 2017	<ul style="list-style-type: none"> Tints, Tones and shades Optical Illusions
DECEMBER 2017	EXAMINATIONS

Seema Jaitley

Session:- 2017-2018.

Name of the teacher: Ms. SEEMA JAINLY, Department:- ART, Semester:- IV Sem.

CLASSES	BSc. (Hsc.) <u>IV</u> Sem.
Subjects	<u>ART IN EVERYDAY LIFE</u>
Month 1	<ul style="list-style-type: none"> • SHADANGAS OF INDIAN ART. • PPT's to be made.
<u>JANUARY 2018</u>	<ul style="list-style-type: none"> • Aesthetics and its importance
Month 2	<ul style="list-style-type: none"> • Use of aesthetics in our day to day life. • Making of Book Covers.
<u>FEBRUARY 2018</u>	<ul style="list-style-type: none"> • Making of sheets on the various designs.
Month 3	<ul style="list-style-type: none"> • Art and its relations with \approx • Beauty, Intuition, Society and Religion.
<u>MARCH 2018</u>	<ul style="list-style-type: none"> • Use of Interior Accessories - • Making/creating to its use and purpose.
Month 4	
<u>APRIL 2018</u>	<ul style="list-style-type: none"> • PRACTICAL / THEORY.
Month 5	
<u>MAY - 2018</u>	- EXAMINATIONS.

Seema Jainly

SESSION :- 2017-18
Department- Clothing and Textiles
Semester-Odd

Name of the teacher- Anila

Classes	B.Sc.(Fashion Designing)3 rd Sem	M.Sc. (Clothing & Textiles) 3 rd Sem	M.Sc. (Clothing & Textiles) 3 rd Sem	B.Sc. (ATD)5 th sem
Subjects	Garment construction-III Practical (A&B)	Textile Chemistry Theory	Textile Chemistry Practical	Apparel Design and Construction
July, 2017	Introductory class Checking of Drafting of sleeves developed in pattern making	Introductory class Unit-1 Polymerization Significance of molecular structure	Introductory class 1. Scouring and bleaching of cotton	Introductory class Designing and style reading of the following- Saree blouse Top/Kurti
August, 2017	Construction of following sleeves samples- puff, Bell, Cap, Kimono, Reglan	Physical properties of textile fibers 2. Chemistry of natural fiber-cotton, silk, wool 3. Chemistry of manmade fibers and synthetics 4. Chemical composition, manufactures and properties Unit-II Water types and its impurities and methods of softening: Lime soda process	2. Dyeing of cotton with direct dye and after treatment. 3. Dyeing of cotton with azoic, reactive and acid dyes	Designing and style reading of the following- Ladies suit Skirt Drafting of Adult's bodice block and sleeve block Basic Skirt Block
September, 2017	Construction of following sleeves samples- Magyar, Leg-omutton, petal. Construction of following collar samples- Peterpan, Baby, Sailor, Cape, Mandrin	Base exchange Deminerlization 5. Chemistry of soaps and detergents 6. Bleaching: types, bleaching of cotton, wool and silk Optical whitening Unit-III 7. Dyes: theories of dyeing	4. Dyeing of silk with direct, basic and reactive dyes. 5. Dyeing of wool with acid and basic dyes.	Pattern Development and construction of Saree blouse
October, 2017 Mid-term exam	File checking and revision. Construction of following collar samples- Shawl, Polo neck, Convertible.	Application of Direct, Acid, Basic and Azoic dyes Unit-IV Finishes- Chemical finishes: Basic and Acid Revision of syllabus	6. Dyeing of Nylon with acid dye. File completion and revision.	File checking and doubt clearing session
November, 2017	Yoked frock with sleeve and collar. File checking and submission	Resin- Mothproofing, bacteriostatic, antistatic, water repellent, water proofing, absorbent, fire retardant, fire proofing Stabilization: heat setting, permanent press	7. Dyeing of cotton, silk and wool with mineral dyes 8. Extraction and application of any one natural dye using natural source on cotton	Pattern Development and construction of Gored skirt Pattern Development and construction of Top/Skirt

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

SESSION :- 2017-18
Department- Clothing and Textiles
Semester-Even

Name of the teacher- Anila

Classes	B.Sc.(Fashion Designing) 4 th Sem	B.Sc.(Fashion Designing) 4 th Sem	M.Sc (Clothing & Textiles) 4 th Sem	B.Sc (ATD)6 th sem
Subjects	Garment construction-IV Practical (A&B)	History of Indian costumes Theory	Fashion merchandising Theory	Line development Practical
Jan. 2018	Introductory class Drafting and construction of Panty	Introductory class UNIT-I Study of Indian Costumes including male and female dresses, ornaments, headgear, hairstyle and footwear worn during following periods- Indus valley period	Introductory class UNIT-I 1. Terms and terminology Merchandise, branded Merchandize, colour palette, colourway, cost price, customer.	Introductory class Description about source of inspiration
Feb. 2018	Introductory class Drafting and construction of Bloomer Jhabla	Evolution of costumes from Vedic period to -Gupta period UNIT-II -Mughal period -British period	Terms and terminology Profile, Fabric sourcing, garment sourcing, grades, mark-ups, margin, quality control, range planning, spec sheet, proto type II. fashion Merchandising Steps in fashion merchandising- Planning, buying, selling, Requirements of fashion merchandiser. UNIT-II Marketing of fashion -Marketing concept, Marketing segmentation, Channels of distribution, Timings of product development	-Sheet work regarding source of inspiration -Presentation on mood boards and theme boards -Creating mood and theme boards on various themes
March 2018 Mid-term exam	Revision of syllabus File submission	Revision of syllabus UNIT-III -Jammu and Kashmir -Himachal Pradesh -Punjab and Haryana Assignment submission by students	Revision of syllabus Fashion retail -History and development of Fashion retailing Retail stores- specialty, discount, leased department, factory outlets, general, departmental, chain , mail order houses -Trends in Fashion retailing UNIT-III Visual merchandising Store planning and design Types of display Elements of visual merchandising	Planning a line Creating the design concept through -Theme board -Mood board Submission and checking of presentation regarding the same -Developing the designs
April, 2018	Drafting and construction of Night suit Frock	-Rajasthan UNIT-IV -Assam -West Bengal -Gujarat -Maharashtra	UNIT-IV Fashion promotion -Fashion Advertising -Personnel selling -Publicity -Fashion stores	-Sourcing of the fabric -Developing the patterns -Preparation of spec-sheets -Garment construction and show casing the collection

Anila

CLASSES	Msc. Foods and Nutrition (3 rd sem)
SUBJECT	Dissertation
Month 1	Data collection/ dietary survey / experimental work
Month 2	Data collection/ experimental work Data entry & analysis
Month 3	Data entry analysis
Month 4	First draft of Introduction, Review of literature, Methodology,
Month 5	First draft of intro, ROL, and methodology

SESSION: 2017-18

SEMESTER: Term 2 (Jan-May, 2018)

CLASS	Msc. Foods and Nutrition (2nd sem)		Msc. Foods and Nutrition (4 th sem)	PG Diploma Nutrition and Dietetics (2 nd sem)	
SUBJECTS	Clinical & Therapeutic Nutrition-1	Dissertation	Dissertation	Diet Therapy	Diet Counseling and Computer Applications
Month 1 JAN	Unit 1: A) Diet prescription & nutritional care process B) Nutrition in hospitalized patients C) Diet counselling Unit 2: A) Aetiopathogenesis, clinical picture, diagnostic tests, treatment, preventive aspects: Peptic ulcer Ulcerative colitis B) Diarrhea, dysenteries	Allotment of student to guides	Submission of finalized intro, methodology, review of literature & results	Unit 1: 1) Etiology, symptoms, dietary & lifestyle management of Gastrointestinal Diseases: GERD, Peptic ulcer, Diverticulitis, Celiac Disease, Crohns Disease Ulcerative colitis, Constipation, Diarrhea 2) liver and pancreatic diseases: Fatty liver, Hepatitis, Cirrhosis, Pancreatitis	1) Operation of diet clinic & counseling 2) computer applications in use of nutrition related software Diet cal
Month 2 FEB	Malabsorption syndrome, IBS Unit 3)	Deciding of topic	Modifications & additions	Unit 2: 3) Etiology, symptoms, clinical & metabolic changes, diagnosis,	Online software 3) Report & presentation of case study

	A) Classification, etiology, clinical features, diagnostic tests, prevention & treatment: liver disorder: Viral hepatitis types A & B, Cirrhosis of liver, hepatic coma			complications, dietary & lifestyle management for: Diabetes mellitus, 4) Gout Unit 3: 5) CVD: CVD & atherosclerosis, hyperlipidemia, IHD, hypertension	
Month 3 MARCH	B) Classification, etiology, clinical features, diagnostic tests, prevention & treatment : Renal disease: Glomerulonephritis, Nephrotic syndrome, Acute & chronic renal failure- Dialysis	Synopsis	Finalization & submission of dissertation content	6) Dietary & lifestyle management for: cancer, Role of antioxidants in cancer Unit 4: 7) Etiology, symptoms, of Renal disorders: Nephrotic syndrome, renal calculi, dialysis	
Month 4 APRIL	Unit 4: A) Nutrition care in HIV aids B) Nutrition care during cancer	Preparation of questionnaire	Submission of summary & conclusion	8) Burns, Surgery	4) Presentation of visit to various institutions like Anganwadis/ Hotel industry/ hospitals/ dietetics department/NGO
Month 5 MAY	Revision	Preparation of tools	Final submission presentation	Revision	Doubt session

Pravata

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2017-18

Name of the teacher:- Dr. Priyanka Sharma Department:- Music Semester:- Ist and IIIrd

CLASSES	B.Sc (Home Science) I st Semester	B.Sc (Home Science) III rd Semester		
Subjects	Music (V)	Music (V)		
Month 1 July	Introduction of Music Practice of I & II nd Rhythmic	Revision of the basics of Music Practice of Alankars		
Month 2 Aug	Introduction of Swan Kaptak, Moh. A Bakh Introduction of Rag Bhairavi and practice of its Swaras.	Introduction of Raag Bhimpalasi. Practice of Raag Bhimpalasi		
Month 3 September	Introduction of Teen Taal and practice of its Bols on hands Introduction of Raag Kafi and Dadrhi Taal	Introduction of Ektaal Taal and practice of its bols on hands. Introduction of Raag Bhairavi and Dhrupad		
Month 4 October /	Practical	and Theory Exams		
Month 5 November	Topic of life sketches Pt. Ravi Shankar and Pt. Bismil Sen Joshi	Topic of life sketches Pt. Shiv Kumar Sharma and M.S Subbalakshmi		

Sharma

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2017-18

Name of the teacher:- Dr. Priyanka Sharma Department:- Music Semester:- IInd and IIIrd

CLASSES	B.S.C (Home Science) II nd Semester	B.S.C (Home Science) IV th Semester		
Subjects	Music (V)	Music (V)		
Month 1 January	Introduction of Yaman Rag; Practice of Yaman Rag	Introduction of Behag Rag; Practice of Behag Rag		
Month 2 February	Introduction of Rupak Kehruwa Taal and Practice of its Bol on hands	Introduction of Deepchandil Tilwada Taal and Practice of its Bol on hands		
Month 3 March	Practical and	Theory Exams		
Month 4 April	Introduction of Rag Bhopali and Practice of Rag.	Introduction of Rag Malkauns and Practice of Rag.		
Month 5 May	Topic of life sketches Lt. Hariprasad Chaurasia and Lt. Jaisury	Topic of life sketches Vst. Bade Gulam Ali Khan and Vst. Zakir Hussain		

Sharma

CLASSES	B Sc Home Science (Semester-V)	B Sc Home Science (Semester-V)	M.Sc. Home Science 1 st semester	M Sc. Home Science 1 st semester	M.Sc. Home Science 3 rd semester
Subjects	Economics and Entrepreneurship Development-I (Theory)	Economics and Entrepreneurship Development-I (Practical)	Research Methodology and Statistics (Theory)	Research Methodology and Statistics (Common To All Streams) (Practical)	DISSERTATION
Month 1 <i>July</i>	Unit-I 1. Entrepreneurial characteristics: Need and importance of entrepreneurship and enterprise 2. Entrepreneurship and role in economic development Intrapreneurship and its importance	1. Preparation of project report of small enterprises/cottage industries/startups.	Unit-I 1. Research- meaning, purpose and approaches Exploration, Description, Explanation Research designs- Experimental and Observational 2. Statistics- Scope and Significance in Home Science discipline Descriptive and inferential statistics Functions and limitations of statistics	Basics of Excel- data entry, editing and saving, establishing and copying a formula	Synopsis, Questionnaire and other preparations
Month 2 <i>Aug</i>	Unit-II 3. Entrepreneurial Behaviour: Types of an entrepreneur Entrepreneurial traits 4. Entrepreneurial Motivation: Types and importance of motivation Various motivating factors	2. Class presentation of Project report by conducting the SWOT analysis and suggesting feasible measures for policy implementation.	Unit-II 3. The Research Process: Defining the research problem, research questions, objectives, hypothesis Review of related literature Methodology and tools to be used Citation formats 4. Sampling and Tools: Universe and sample Types of sampling	Functions in excel, copy and paste and exporting to MS word document	Data collection/experimental work, Data entry and analysis
Month 3 <i>Sept</i>	Unit-III 5. Women entrepreneurs: characteristics, role and challenges faced during creation and enterprise management 6. Avenues for the growth of women entrepreneurs	3. Assignments/ presentation on opportunity scouting and idea generation. The contents of the assignment should be focused on the source of institutional finance to the business idea.	Unit-III 5. Understanding various statistical measures: Simple Arithmetic Mean (direct method), Median and Mode, Standard deviation (assumed mean method), Variance 6. Conceptual understanding of Correlation and Regression (Theoretical introduction), Karl Pearson coefficient of correlation and its properties, Regression equation and regression line	Graphical presentation of data - Histogram, frequency polygon, Ogives, pie charts and bar diagrams	Write up- Introduction, methodology, Review of literature
Month 4 <i>October</i>	Unit-IV 7. Business Idea/Plan: Pitching a business idea and its formulation. Difference between Start ups and Small business 8. Intellectual Property Rights (Creation-Protection-Encashing)	Submission of assignments and presentation	Unit-IV 7. Inferential Statistics: Level of significance, Standard error and Confidence limits 8. Large sample and small sample tests: t-test, Significance of difference between means, F-test, Chi-square test of independence	SPSS, opening SPSS, layout, menu and icons, analyzing the data using different statistical techniques	Write up- Introduction, methodology, Review of literature
Month 5 <i>November</i>	Assignments, revisions, doubt clearance sessions, revision tests		Assignments, revisions, doubt clearance sessions, revision tests		Final draft of Introduction, review of literature and methodology

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CLASSES	B.Sc. Home Science (Semester VI)	B.Sc. Home Science (Semester-VI)	M.Sc. Home Science 2 nd semester (Clothing Textiles)	M.Sc. Home Science (Human Development and Family Relation) 4 th semester
Subjects	Economics and Entrepreneurship Development-II (Theory)	Economics and Entrepreneurship Development-I (Practical)	ENTREPRENEURSHIP (THEORY)	DISSERTATION
Month 1 <i>Jan</i>	Unit-I 1. Small business enterprise management -Setting up of small scale enterprise. -Institutions assisting Small business enterprises in India 2. Problems of small business enterprises in India.	Case study of an entrepreneur The case study will include 1 Important features of an enterprise 2. Competencies of an entrepreneur 3. Sources of finance 4. Reasons for success and failures 5. Preparation of a report on the basis of case study analysis and giving innovative ideas for better enterprise management.	UNIT- I 1. Entrepreneurship as a process Role of entrepreneurship Entrepreneurship and economic development 2. Entrepreneurship in Textile industry Entrepreneurial skills and traits Case study of boutique owner	<ul style="list-style-type: none"> Submission of finalised introduction, review of literature, methodology
Month 2 <i>Feb.</i>	Unit-II 3. Business Environment: -Types of Business environment: Micro and Macro Factors affecting business environment 4. Profitability of business: -Social cost and benefit Analysis	Developing a Business Plan for Micro enterprises Calculation of Breakeven point and conducting feasibility analysis	UNIT-II 3. Small Enterprises and Startups Rationale and objectives Problems of Small enterprises and Startups in India 4. Small business enterprises in relation to Fashion Industry Procedure and formalities in their setup.	<ul style="list-style-type: none"> Data analysis and results Write up and discussion with guide Review of finalized thesis and modification
Month 3 <i>March</i>	Unit-III 5. Business marketing - Marketing strategies-packaging, advertising, e-marketing, personal selling 6. Four Ps of marketing: - Product, Price, Place and Promotion.	3. Steps to organize and manage any one of the following: a. Cafeteria/Diet clinic b. Nursery school/Day care c. Boutiques/window and interior store display d. Interior Design studios.	UNIT-III 5. Project, Meaning and classification Project Identification and classification Budgeting and Funding 6. Project Formulation Feasibility analysis Techno-Economic Analysis Financial Analysis and Cost-Benefit Analysis	<ul style="list-style-type: none"> Modifications and addition of recommendations
Month 4 <i>April</i>	Unit-IV 7. Project Finance - Long term and short term sources of finance - Fixed capital and Working capital 8. Project Formulation - Need and scope -Elements of project formulation		UNIT-IV 7. Project Finance Long term vs short term finance Angel investors 8. Women enterprises in clothing and textiles in India Women entrepreneurs, challenges faced Institutions assisting women entrepreneurs in India	<ul style="list-style-type: none"> Conclusion and Summary write up and modifications And finalization of dissertation
Month 5 <i>May</i>	Assignments, revisions, doubt clearance sessions, revision tests		Assignments, revisions, doubt clearance sessions, revision tests	<ul style="list-style-type: none"> Finalization and submission of dissertation



GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

SESSION :- 2017-18
Department- Clothing and Textiles
Semester-Odd

Name of the teacher- Nidhi

Classes	B.Sc.(Fashion Designing)3 rd Sem	B.Sc.(Fashion Designing)3 rd Sem	PG Diploma in Fashion Designing	PG Diploma in Fashion Designing
Subjects	Traditional Textiles – Theory	Traditional Textiles –Practical	Pattern Making 1 – Practical	Garment Construction 1 – Practical
July, 2017	-Introductory Class - Bandhani of Gujrat & Rajasthan - Patola of Gujrat - Ikat of Orrisa	- Introductory Class - Identification of various Traditional Textiles with Motifs & Designs	- Introductory Class - Preparation of the basic pattern for the following. a) Female adult's bodice block and sleeve block. b) Basic Skirt.	Making samples of - Neckline finishes with Bias binding, Bias facing & Shaped facing - Making samples Patch, Inseam & Set in Pockets
August, 2017	- Pochampalli of Andhra Pradesh - Revision - Printed Textiles of Rajasthan – Sanganeri Textiles, Bagru & Ajrakh	- Identification of Resist Dyed Textiles viz. Bandhani of Gujrat & Rajasthan, Patola of Gujrat & Ikat of Orissa, Pochampalli of Andhra Pradesh, Printed Textiles of Rajasthan – Sanganeri Textiles, Bagru & Ajrakh	Adaptation of skirt block to:- a) A-line Flare. b) Added Flare. c) Gored skirt d) Pegged skirt e) Skirt with yoke. f) Tiered Skirts g) Pleated skirt h) Godet i) Wrap skirt. j) Circular skirt	Making samples of Plackets viz. Two piece kurta placket, One piece continuous wrap. & Zipper placket Drafting of Adults Body Block & Sleeves Drafting & Construction of Sleeves
September, 2017	- - Painted Textiles (Kalamkari) - Batik - Kashmiri Shawls - Revision	- Identification of Painted Textiles, Batik, Kashmiri Shawls - Collection of swatches/ photographs to study the motifs, designs & colors of Traditional Textiles - Revision	Dart- Manipulation by a) Slash and spread method. b) Pivot Method Dart- Manipulation into: a) Single dart series. b) Two dart series. c) Multiple dart- series. d) Princess line. e) Yokes.	Drafting & Making samples of Collars viz. Peter pan, Sailor's, Chinese, Shawl, Cowl & Convertible Drafting & Making samples of Sleeves viz. Plain, Puff, Bell, Leg-o-mutton, Cap, Magyar & Raglan
October, 2017 Mid-term exam	- Revision Contd.. - Brocade - Jamdani	- File Checking - Revision of Traditional Textiles - Review of Craft Documentation	- File Checking - Dart Manipulation in Countered Patterns: - a) Halters - b) Off-Shoulder	Revision & taking up of difficulties - Checking of Drafts & File Work - Drafting & making samples of Skirts viz. A-line Flare/ Added Flare

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<p>November ,2017</p>	<ul style="list-style-type: none"> - Baluchari - Chanderi - Maheshwari - Kanjivaram - Revision of whole Syllabus 	<ul style="list-style-type: none"> - Identification of Brocade, Jamdani, Baluchari, Chanderi, Maheshwari & Kanjivaram - Collection of / photographs continued - Visit to Museum and documentation - Final File Submission 	<p>Assignment of the following:</p> <p>a) Study of anthropometric measurements.</p> <p>b) Pattern terminology – Pattern drafting, flat pattern making, templates, working patterns, production pattern, design specification sheet, pattern chart, cost sheet, grain, dart legs, dart intake, trueing and blending, plumb line, vertical, horizontal, perpendicular lines, symmetrical and asymmetrical lines, style number, pattern size, pivotal point, pattern manipulation.</p> <ul style="list-style-type: none"> - Final File Submission 	<p>Drafting & making samples of Skirts viz. Pleated skirt with Yoke, Circular, Godet, Tiered & Wrap</p> <p>Final Revision & Difficulties</p> <p>Final File Submission</p>
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GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH
SESSION :- 2017-18

Name of the teacher- Nidhi Duggal

Department- Clothing and Textiles
Semester-Even

Classes	PGDFD - II	PGDFD - II	B Sc. Fashion Designing – VIth Semester	B.Sc. Fashion Designing – VI th Semester
Subjects	Fashion Marketing & Merchandising – Theory	Garment Construction II – Practical	Pattern making – Practical	Seminar
Jan, 2018	Fashion Marketing i) Terminology: Retailing, Fashion Retailing, Fashion Merchandising, Fashion Marketing, Visual Merchandising, Sales Promotion, Organization chart, Vendor, Jobber, Market, Target Market, Quality, Price Range, Narrow & Deep Assortment, Broad & Shallow Assortment, Brand, National Brand, Private label, Ambiance, Customer Service, Diversification, Mark-up, Marketing-mix. ii) Buyer Behaviour iii) Customer Satisfaction iv) Marketing Strategies	-Introductory class -Drafting, Cutting and construction of Trouser -Drafting, Cutting and construction of Choli Blouse	-Introductory Class -Introduction to Draping -Draping of Front Bodice Block -Draping of Back Bodice Block	-Introductory Class -Discussion about various topics and assignment of topics related to following to students : National Designers; International Designers; Fashion Centers; Machine attachments; Market Survey-Fabrics, trims and notions; Conservation and Preservation of textiles; Current Topics related to Fashion
Feb, 2018	Fashion Merchandising i) Role and Responsibilities of Fashion Merchandiser Steps in Fashion Merchandising: a) Planning b) Buying/ Procuring c) Promoting/selling	-Introductory class -Drafting, cutting and construction of Top with Dart Manipulation -Drafting, cutting and construction of Jacket	-Draping of Top with Princess Line -Doubt Session	Discussion and correction on material prepared by students on above topics

<p>March, 2018 Mid-term exam</p>	<p>Fashion Promotion i) Advertising a) Classification of Advertisements: Promotional advertising, Institutional advertising, Combination advertising, Cooperative advertising b) Benefits of advertising ii) Publicity iii) Fashion show iv) Visual Merchandising a) Visual Presentation: Windows, Interiors b) Elements of Visual Merchandising: The Merchandise, Mannequins, Materials and Props, Fixtures, Lighting, Signage</p>	<p>-Revision of syllabus -File checking -Drafting, cutting and construction of Nightwear</p>	<p>-File Checking -Draping of Skirt Front and Back</p>	<p>Final discussion on topics and corrections</p>
<p>April, 2018</p>	<p>Fashion Retailing: i) Meaning and Concept ii) Store Location a) Factors affecting store location b) Effect of store location on fashion retailing iii) On-Site fashion retailers / Fashion Stores –Department stores, Speciality stores, Chain stores, Factory outlets, Discount store, Designers retail stores, Franchise retail store, Boutiques iv) Off – Site fashion retailers –E- tailing, Catalogues, Home Shopping</p>	<p>-Drafting, cutting and construction of Ethnic Dress</p>	<p>-Draping of Skirt with Flare -Doubts Session</p>	<p>Presentation by students and Assessment</p>

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GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: 2017-18

Name of the teacher: Ms. Shalu Gupta Department: Extension Education Semester: 5th

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CLASSES	B.Sc. H.Sc. 5 th Sem (FN, CT, MDR, IDR)	B.Sc. H.Sc. 5 th Sem (FN, CT, MDR, IDR)
Subjects	Extension Education - I (Th)	Extension Education-I (Practical)
Month 1 July	Concept of Education • Types of Education • Concept, meaning & scope of Ext. Edu. Process of Ext. Edu.	Intro. to non-projected aids. Preparation, presentation & evaluation of Charts & Posters
Month 2 Aug	Concept of e-Extension Principles, Philosophy, functions of E.E. Home Sc. Extension	Intro. to flash cards & flip books Preparation, presentation & evaluation of flash cards & flip books.
Month 3 Sep	Concept of Ext. teaching methods steps methods of Extension teaching	Intro. to traditional media Puppet story writing. Preparation of puppets
Month 4 Oct	Classification and explanation of teaching methods with their Adv. & limitations	Evaluation of puppet stories & role play. Puppet Show
Month 5 Nov / Dec	AV aids, its classification, adv. & limitation. Factors of AV aids.	Visit to a community

Shalu

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Name of the Teacher: - Dr. Bhavneet Kaur

Department: - Foods and nutrition

Session: - 2017-18 Semester: - July to Dec 2017

CLASSES	BSc. Home Science (3 rd semester)		PG Diploma (1 st semester)	M.Sc. Foods and nutrition (3 rd semester)
Subjects	Physiology and promotive health	Applied Nutrition	Human Physiology	Dissertation (old scheme)
July	<p>Unit 1- Blood: >Composition of blood: Hemoglobin, plasma, platelets, leucocytes, and erythrocytes >Erythropoiesis</p> <p>Cardiovascular System: >Basic structure of heart, cardiac output >Blood pressure and its measurement >Brief overview of cardiac cycle</p>	<p>Unit 1- Concept of nutrition transition</p> <p>Recommended dietary allowances- >Concept of minimum nutrient requirements and recommended dietary allowances</p> <p>Unit 2- Classification, digestion, absorption, RDA, deficiency and excess- >Carbohydrates- Monosaccharides, Disaccharides and Polysaccharides</p>	<p>Unit 1- Cell structure</p> <p>Blood and Cardiovascular System: >Composition of blood: hemoglobin, plasma, platelets, and leucocytes >Erythropoiesis and coagulation of blood >ABO blood group and Rh blood group >Basic structure of heart, cardiac output >Brief overview of cardiac cycle >Blood pressure and factors affecting it >Hypertension >ECG</p>	<p>Synopsis</p> <p>Questionnaire preparation</p>
August	<p>Unit 2- Respiratory System: >Structure of respiratory system >Mechanism of breathing: inspiration and expiration >Lung volume and capacities</p> <p>Digestive system: >Structure >Functions and digestion of food in the mouth, stomach, intestines and importance of salivary glands, stomach, pancreas, and liver.</p> <p>Unit 3- Personal Hygiene: >Need for personal hygiene and personal hygienic habits >Personal sanitary practices</p>	<p>Unit 2- Classification, digestion, absorption, RDA, deficiency, and excess- >Proteins- complete, partial, incomplete >Concept of essential, non-essential amino acids Practical- Categorization of foods based on rich, moderate, and poor sources of Energy, proteins, vitamin A, Vitamin B complex, vitamin C, iron, calcium, fibre.</p>	<p>Unit 2- Digestive system: >Structure Functions and regulation of the salivary glands, stomach, pancreas, liver, and the intestines >Mechanism of digestion and absorption of carbohydrates, proteins, and fats >Role of enzymes in digestion of carbohydrates, proteins, and fats >Excretory System: Structure and function of kidney >Mechanism of urine formation Regulatory functions of the kidney >Acid Base balance >Role of kidney in homeostasis >Role of kidney in regulation of body temperature</p>	Data collection
September	<p>Unit 3- Personal hygiene Considerations for correct clothing >Importance of rest, exercise, and recreation</p> <p>Hygiene in Kitchen and Home >Lighting and ventilation</p>	<p>Unit 3- Classification, digestion, absorption, RDA, deficiency, and excess >Fats - saturated, unsaturated</p> <p>Recommended Dietary Allowances, deficiency, and excess >Vitamins- fat soluble- A, D, E, K Practical- Planning and preparation of dishes rich in Energy, Protein, Fiber, Calcium, Iron</p>	<p>Unit 3- Endocrine System: Definition, functions, and kinds of hormones >Structure and functions of the following glands: Thyroid, parathyroid, adrenal, pancreas, pituitary, and pineal gland</p> <p>Reproductive System: >Structure & function of male and female sex glands and organs: Ovarian and menstrual cycle >Role of hormones in reproduction: FSH, LH, Estrogen, Progesterone, Testosterone and Human Chorionic Gonadotropin hormone (HCG); Placenta >Physiology of pregnancy, parturition, lactation and menopause</p>	Data collection
October	<p>Unit 4- Concept of health, disease and its prevention >WHO definition of health >Basic concept of disease >Types of parasites and their modes of transmission</p> <p>Concept of public health and disease prevention >Sanitation in fairs and festivals with basic methods of epidemic control in fairs and festivals >Waste management: Disposal of refuse and sewage >Public Toilets/Mobile public toilets</p>	<p>Unit 4- Recommended Dietary Allowances, deficiency, and excess >Vitamins - water soluble Thiamine, Riboflavin, Niacin, Pyridoxine and C Practical- Planning and Preparation of dishes rich in Vitamin A, Vitamin C, Thiamine, Riboflavin, Niacin</p>	<p>Unit 4- Respiratory System: >Structure of respiratory system >Mechanism of respiration and its regulation >Oxygen and carbon dioxide transport in blood >Lung volume and capacity</p> <p>Nervous System >Structure and functions of nerve and receptor cells >Transmission of nerve impulse Synapse formation >Autonomic Nervous System: Sympathetic and parasympathetic nervous system >Concept of neurotransmitters</p>	Initialisation of data entry and analysis
November	Doubt clearing sessions and revision	Practising preparation of dishes. Revision	Revision and doubt clearing sessions	Initialisation of write up including introduction, methodology and review of literature

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Name of the Teacher: - Dr. Bhavneet Kaur

Session: - 2017-18

Department: - Foods and nutrition

Semester: - Jan-May 2018

CLASSES	B.Sc. Home Science (4 th semester)	PG Diploma in nutrition and dietetics (2 nd semester)	M.Sc. Foods and nutrition (2 nd semester)		M.Sc. Foods and nutrition (4 th semester)
Subjects	Physiology and promotive health-II	Institutional food and service management-II	Nutritional anthropology	Public health nutrition-II	Dissertation (New scheme) Dissertation (Old scheme)
January	<p>Excretory system</p> <ul style="list-style-type: none"> >Structure and functions of kidney, formation of urine Endocrine glands >Structure, hormones, and functions of the following glands Pituitary, thyroid, parathyroid, adrenal, pineal and pancreas Reproductive system >Structure and functions of male and female sex organs 	<p>Personnel Management: Definition and scope Approaches</p> <ul style="list-style-type: none"> >Autocratic, Bureaucratic, Democratic, Scientific, >Technological Personnel policies >Functions of a personnel manager Staff employment >Advertising >Recruiting: Process and sources-Internal and External Selecting: Interview, tests and wages >Orientation: Importance, Types Formal, Informal Practical Preparing, packaging and retailing of food products as per actual bulk orders 	<p>Unit 1-</p> <ul style="list-style-type: none"> Research tools in anthropology for formulation of research and program design >Focus Group Discussion >Various Types of interviews >Observation methods Research tools in anthropology for formulation of research and program design >Participatory Research methods >Triangulation of methods >Steps for ensuring effective planning and use of these methods >Examples of recent studies relevant to above topics 	<p>Programs planning and management in Public Health Nutrition >Planning: Definition, principles, process, and planning cycle >Management methods and techniques</p> <ul style="list-style-type: none"> >Evaluation: Definition, significance, purpose, types, and steps of evaluation National Nutrition Programs: Objectives and operations of >ICDS >Mid-Day meal Practical- Development of nutritious food supplements/ dishes for various vulnerable segments of population 	<p>Students' allotment to guides</p> <p>Submission of the draft of write up</p>
February	<p>Reproductive system</p> <ul style="list-style-type: none"> >Ovarian and menstrual cycle >Methods of contraception Nervous system >Structure of neuron >Nerve impulse >Cerebrum/spinal >Cranial and spinal nerves >Autonomic nervous system 	<p>Employee benefits >Physical needs >Physiological needs >Social- psychological needs</p> <ul style="list-style-type: none"> >Principles of employee benefits >Employee welfare schemes in India Staff training and development: >Training: Definition, Importance >Staff development: Principles, Process 	<p>Introduction to Anthropology and Its Relevance to Nutrition: Definition and Application of the Discipline of Anthropology as applied to >Health and Disease</p> <ul style="list-style-type: none"> >Nutrition and Nutritional status >Direct and Indirect parameters of nutritional health assessment used in community surveys □ Emic vs Etic Perspective Factors Affecting Food choices and household level practices >Ecological and Geographical >Poverty, economic status >Socio cultural, education, ethnic and religious factors >Sensory Qualities of Foods and culture >Gender Discrimination >Intra Household Distribution of Food 	<p>Nutrition Education Communication (NEC)</p> <ul style="list-style-type: none"> >Importance and need for NEC >Process of NEC >NEC for Behavior change: Need for NEC for behavior change, Behavior, and determinants of behavior Media/Methods of NEC, characteristics and their use >Relevance of Information Education Communication (IEC) to Programs Practical- Assessment of the type of nutritional problems and their determinants in different population groups through analysis of secondary data (such as NSSO, NFHS data) 	<p>Discussion about various topics</p> <p>Data analysis and results and discussions</p>
March	<p>Immune system</p> <ul style="list-style-type: none"> >Types of immunity >Concept and importance of immunization >Immunization schedule Diseases: Cause, mode of spread, incubation period, symptoms, and control of Diseases spread by inhalation/droplet infection >Mumps >Measles >Pulmonary Tuberculosis >Chickenpox >Influenza Diseases caused by investigation/oral-fecal route >Enteric fever >Cholera >Dysentery >Diarrhea 	<p>Space planning and organization</p> <ul style="list-style-type: none"> >Layout planning >Preliminary preparation: Information gathering, Prospects Determining basic units and equipment >Design development: Types of kitchen areas, Flow of work and work area relationship Catering equipment >Types of Equipment >Factors affecting selection of equipment >Equipment design, installation, and operation >Care and maintenance of equipment Practical Visit to food service establishments 	<p>Cultural Interpretation of Malnutrition and Rural Urban differences >Community beliefs about cause prevention and treatment of under nutrition and micro nutrient deficiencies (PEM, IDA, VAD, IDD) in children and women in developed and developing countries</p> <ul style="list-style-type: none"> >Ethno-physiology: cultural perceptions of body physiology in different stages of the life cycle (child, adolescent, adult) and its impact on home level nutrition and health care Comparing rural vs urban differences as regards: >Time and activity patterns; workload of men and women and its impact on food intake and nutritional status (especially vulnerable groups) >Health care seeking behaviors – treatment of illness >Complementary feeding and breast-feeding 	<p>Approaches for Control of under nutrition in India National Programs and guidelines for controlling under nutrition in India with emphasis on</p> <ul style="list-style-type: none"> >IYCF >RCH >IMNCI >NRHM Rolling of new WHO standards in India, its importance and implications >National Nutrition Policy Practical- Field visits to ongoing public health nutrition programs 	<p>Shortlisting the topics</p> <p>Review of finalized thesis and modifications of recommendations</p>
April	<p>Diseases caused by insects/vectors</p> <ul style="list-style-type: none"> >Malaria >Plague Sexually transmitted disease >AIDS Pest control: >Control and eradication of flies, cockroaches, rodents, and other pests >Use of disinfectant for floors, working surfaces, kitchen equipment, dish washing >Importance and hazards of aerosol sprays for disinfection Water: >Contamination of water 	<p>Financial management: >Importance of Financial Management in a food-based enterprise Budgets and Budgeting concepts >Costing: Concept, Types, Control</p> <ul style="list-style-type: none"> >Records: Menu, Purchase, Store, Production, >Cost analysis: Concept of Trial Balance, Profit and Loss Account, Balance sheet Food cost analysis: >Pricing: Definition, factors affecting >Basic concepts in accountancy. Cash memo, Receipt, Pay-in-slip, Cheques, Vouchers >Books of Account: Journal, Sales Return Book, Purchases Book, etc. 	<p>Application of Operations Research (Qualitative: Participatory) to Strengthen Interventions for Nutritional improvements Experiences in use of qualitative and participatory research approaches in India and other countries for: >Interdisciplinary understanding of nutrition-health issues</p> <ul style="list-style-type: none"> >Rapid Rural Appraisals and Program Design Experiences in use of qualitative and participatory research approaches in India and other countries for: >Urban malnutrition control in urban health systems >Women's reproductive health and related problems like anemia 	<p>Unit 4-</p> <ul style="list-style-type: none"> Population Dynamics >Demographic Transition >Population Structure: Implications on quality of life >Population Policy Millennium Development Goals (MDGs) >Millennium Development Goals and its relationship with nutrition >New Emerging public health Problems of NCDs Practical- Assessment of their needs and study the public health nutrition problems in an identified community 	<p>Finalization of topics</p> <p>Conclusion and finalization of dissertation</p>
May	<ul style="list-style-type: none"> >Hazards of water pollution >Households and commercial methods of purification and water quality standards > Revision, doubt sessions 	<p>Revision, Practicing for practical, doubt sessions</p>	<p>Revision</p>	<p>Practicing for practical, revision.</p>	<p>Checking about the feasibility of the topic</p> <p>Finalization and submission of dissertation</p>

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2017-18 (july- dec)

Name of the teacher:- Sakshi Sharma Department: Clothing & Textiles Semester:- odd

CLASSES	B.Sc FD 5 th Semester	B.Sc FD 5 th Semester	B.Sc FD 1 st Semester	PGDFD 1 st Semester
Subjects	AMT	Line development & portfolio	Garment Design (Pr)	Fashion design & production
July	Introduction to various department of apparel manufacturing unit.	Study of fashion forecast	Sketching of necklines	Elements of art Principles of design Discuss the terminology and various types of suitability of collars & sleeves.
August	Brief study of apparel manufacturing unit & importance of quality assurance.	Designing of dresses taking inspiration from various sources & style reading .	Sketching of collars, sleeves cuffs & pockets	Explain various terminology & various types & suitability of pockets & plackets. Preparation of fabric before cutting Different types of layout Handling of special fabrics.
September	Concept & types of inspection .Types of packaging.	Conceptualization of theme & mood Board, pattern development, specification sheet.	Sketching of belts & bows pleats, gathers	Terminology used in apparel manufacturing unit.
October Terminal exam	Concept & material of packaging.	Development of theme & mood board on various categories.	Sketching of tucks, shirring	Work flow & brief study of various departments of apparel manufacturing unit.
November	Labeling & stages of quality control.	Presentation of theme & then sourcing. .	Sketching of plackets & yokes	Quality control in apparel production at different stages.

Sakshi Sharma

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2017-18 (Jan- may)

Name of the teacher:- Sakshi Sharma Department: Clothing & Textiles Semester:- even

CLASSES	B.Sc. FD 2 nd Semester	B.Sc FD 6 th Semester	B.Sc. FD 6 th Semester	B.Sc. (H.Sc.) ATD 6 th Semester
Subjects	Garment Design	Entrepreneurship Development	Line development	Needle craft
January	Design & style read of casual & Party wear frock	Concept & factors affecting entrepreneur & phases of Entrepreneurship Development	Selection of Information for documentation.	Preparation of sample of patch work & macramé
February	Design & style read of Romper, & night suit .	Characteristics of women Entrepreneur challenges & Avenues of women entrepreneurship	Categorization of documentation	Preparations of sample of , Appliqué and quilting.
March Terminal exam	Design & Style read of Jump suit	Problems of small enterprises in India Factors affecting business Env	Portfolio making by using appropriate techniques.	Making a samples of appliqué.
April	Design & style read of Jackets	Sources of new idea hindrances of creativity patent, trademark & copy right.	Development & presentation of portfolio. & Show casing of collection	Development of product range using different techniques.

Sakshi Sharma

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2017-18 Name of the teacher: - Mrs. Simar Prabh Kaur Department: - Clothing & Textiles

Semester: - Odd semester (July 2017- December 2017)

CLASS	M.Sc (Clothing & Textiles) 1 st Sem	B.Sc (Home Science) 1 st Sem	B.Sc (Home Science) 1 st Sem
Subjects	Fashion Illustrations (Pr)	Introduction to Clothing & Textiles (Th) (Group-A & B)	Introduction to Clothing & Textiles (Pr) (Group-A, B, C, D, E, F)
July,2017	<ul style="list-style-type: none"> Understanding the Fashion figure front, ¾th profile, side profile Rendering of fabric textures: Silk ,Velvet ,Satin & Lace 	<ul style="list-style-type: none"> Sewing machine - its parts and their functions, attachments Classification of textile fibers General Fiber Properties 	<ul style="list-style-type: none"> Basic hand stitches- Basting, Hemming-visible/invisible, Tailor’s tack. Practice exercise of Basic seams
August,2017	<ul style="list-style-type: none"> Rendering of following fabric textures on different silhouettes using various colour schemes: Chiffon, Leather, Denim & Corduroy Line planning for Kids wear: Casual wear & Formal wear 	Manufacturing Process and properties of Natural <ul style="list-style-type: none"> Cellulosic fibers (Cotton & Linen) Proteinic fibers (wool & silk) 	<ul style="list-style-type: none"> Types of Seam and self finished seams- Plain, Run and fell, French, lapped. Fibre Identification: Cellulosic fibers: Cotton & Linen
September,2017	<ul style="list-style-type: none"> Line planning of Women wear: Casual wear, Occasion wear, Club wear & Office wear 	<ul style="list-style-type: none"> Terminology of Clothing Common sewing machine problems and their remedies 	Types of Seam Finishes: Overlock, Hand overcasting, Turned and Stitched, Binding
October,2017 (Mid-Term Exam)	Revision	Revisions	Revisions and exam
November,2017	Developing a design Portfolio.	Tools and equipments used in clothing construction: <ul style="list-style-type: none"> Measuring Tool Marking Tools Cutting Tool Sewing Tools Finishing Tools 	Fibre Identification Proteinic fibers: Silk & Wool

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2017-18 Name of the teacher: - Mrs. Simar Prabh Kaur Department: - Clothing & Textiles

Semester: - Even Semester (Jan 2018- May 2018)

CLASS	B.Sc (H.Sc) ATD 6 th Sem	B.Sc (Home Science) 2 nd Sem	B.Sc (Home Science) 2 nd Sem
Subjects	CAD (Pr)	Introduction to Clothing & Textiles (Th) (Group-A & B)	Introduction to Clothing & Textiles (Pr) (Group-A, B, C, D, E, F)
January	Detailed study of different tools of Photoshop.	Manufacturing process and properties of Man-made fibers : Regenerated Cellulosic Fibers: Viscose Rayon & Acetate	<ul style="list-style-type: none"> • Making samples of Fullness- Types of Darts, Tucks, Pleats, Gathers. • Stain removal (turmeric, ink, egg, henna, tea and coffee)
February	Creating textile prints by using different placements.	Factors affecting selection of clothing: Age, Season, Income, Occasion, Occupation, Sex & Fashion	<ul style="list-style-type: none"> • Neckline Finishes-Binding, Facing. • Fasteners- Button, Buttonhole, Hook and eye, Press Button.
March (Mid-Term Exam)	Designing a mood board according to the selected theme.	Manufacturing process and properties of Man-made fibers Synthetic Fiber: Polyester & Nylon	Fibre identification: Viscous rayon, Acetate, Nylon, Polyester
April	Detailed study of different tools of Tuka Design. Drafting of Child's Bodice Block (front)	Clothing for different age groups with special reference to fabrics, colours, style and details: Infants, Toddlers, Pre-school children, Adolescents, Adults & Elderly	Stain Removal: blood, ball pen, curry, grass, milk, rust, cold drink, juice, shoe polish, paint.
May	Drafting of Child's Bodice Block (back) with Sleeve.	Revision and Assignment Presentations	Revision

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GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2017-18 Name of the teacher: - Mrs. Pratibha Thapa Department: - Clothing & Textiles

Semester: - Odd semester (July 2017- December 2017)

CLASS	B.Sc (Fashion Designing) 3 rd sem	B.Sc (Fashion Designing) 3 rd sem	B.Sc (Fashion Designing) 5 th sem	B.Sc (ATD) 5 th sem	B.Sc (ATD) 5 th sem
Subjects	Fabric Construction-I (Th)	Fabric Construction-I (Pr) (Group-A & B)	Pattern & Marker Making on Computer-I (Pr)	Textile Design (Th)	Textile Design (Pr)
July,2017	Terminology –weaving, warp, weft, fabric balance, fabric weight, fabric density, selvedge & its types.	Introduction to subject and Basic Loom demonstration	Introduction to Pattern making software and familiarization with its tools.	Elements of Art Line Form Texture	Sketching of different types of Lines Shapes
August,2017	Basic loom and Basic motions of weaving Classification of weaves Basic weaves – plain, twill, satin	Graphical representation of Plain weave- Rib & Basket weaves and making of samples.	Develop basic block patterns of the Child bodice-block and Sleeve block	Elements of Art Principles of Design	Colour- Colour wheel Color Schemes Tints and Shades Grey Scale
September,2017	Shuttle loom and Shuttle less loom Difference between Shuttle and shuttle less loom.	Graphical representation of Twill weaves and making of samples.	Develop basic block patterns of the Basic Skirt block	Preparation of fabric Terminology : Classification of Dyes Stages of Dyeing Methods of Dyeing	Creating textures using different mediums Development of motif : Geometrical, Natural, Stylized and Abstract
October,2017 (Mid- Term Exam)	Revision of Syllabus Preparation of yarns for weaving Different types of warping.	Graphical representation of Satin & Sateen weaves using drafting & lifting plan and making of samples	Develop basic block patterns of the Basic Trouser block	Revision of Syllabus Techniques of Printing	Development of design through different placements
November,2017	Novelty weaves- pile, lappet, leno, swivel, jacquard, dobby Woven fabric defects- float, gout, lashing in, missing ends, selvedge defects	Identification of weaves Collection of samples of different weaves Preparation of an article using any weave	Grading of all patterns Making summary report and pattern card of all the patterns	Thickening agents types and uses Post treatment and Defects of dyed and printed goods	Development of two different theme-based designs each for apparel and household articles in two colorways

Pratibha

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2017-18 Name of the teacher: - Mrs. Pratibha Thapa Department: - Clothing & Textiles

Semester: - Even semester (January 2018- May 2018)

CLASS	B.Sc (Fashion Designing) 4 th sem	B.Sc (Fashion Designing) 4 th sem	B.Sc (Fashion Designing) 6 th sem	M.Sc (CT) 2 nd sem	M.Sc (CT) 4 th sem	B.Sc (Fashion Designing) 4 th sem
Subjects	Fabric Construction-II (Th)	Fabric Construction-II (Pr) (Group-A & B)	Pattern & Marker Making on Computer-II (Pr) (Group-A & B)	Computer Application in CT (Pr)	CAD-II (Pr)	Fabric Construction-II (Pr) (Group-A & B)
January, 2018	Knitting Terminology – • Types of knitting- warp knitting & weft knitting	Making of samples of different knots using Macramé.	Develop basic block patterns of the Adults bodice-block and Sleeve block	Create composition of stripes, checks in various textures and colours.	Develop basic block pattern of Adult's bodice block and sleeve block, Skirt	Demonstration of hand knitting
February, 2018	Properties of knitted fabric, Difference between Knits and woven. Knitting machines Different types of knitting machine needles Knitted fabric defects	Making of samples of different knots using Macramé. Making of samples of Crochet.	Develop basic block patterns of the Shirt	Redesign the texture and colour of the dress. Design a mood board, Logos, Pamphlets and Visiting Cards	Create patterns of Sleeves Manipulation of darts	Preparation of Basic Stitches- Rib, Moss, Garter & Single Jersey
March, 2018 (Mid- Term Exam)	Non-woven methods of fabric construction: process, properties and end-uses Felting Bonding Needle Punching	Making samples of Narrow fabrics by Braiding and Traditional Tape weaving (Naala making)	Develop basic block patterns of princess line (one –piece dress)	Create Composition of geometrical, traditional & contemporary motifs. Line development of Bed linen, Table linen, Curtains and Towels	Create patterns of the following - Flared - Gored - Pleated	Preparation of hand knitting samples Texture Laces Cables Fair-isle
April, 2018	Methods of decorative fabric construction • Lace making • Netting • Braiding • Knotting	Project work: Make an article using any technique.	Dart Manipulation using basic adult basic block Marker layout of all the patterns with summary report	Drape the fashion figures in different silhouettes Create a thematic design collection.	Grading of all basic patterns: Study tools of Tuka Mark Marker layout of the developed patterns along with summary report	Preparation of machine knitting samples Project work: To make Baby Set by knitting

Pratibha

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Name of the teacher: - Heena Narang Department: - Clothing and Textiles Session: - 2017-18 Semester: - odd

CLASSES	B.Sc. (Fashion Designing) 1 st Semester	B.Sc. (Fashion Designing) 1 st Semester	B.Sc. (Home science) ATD and Composite 5 th Semester	B.Sc. (Home science) ATD and Composite 5 th Semester
Subjects	Needle Craft (Practical)	Basics of Design (Practical)	Traditional embroideries (Theory)	Traditional embroideries (Practical)
Month 1 July	<ul style="list-style-type: none"> Basic embroidery stitches - Stem, Cham, Back, Blanket, Feather, Herring Bone, Satin, Long and Short 	<ul style="list-style-type: none"> Introduction to different drawing tools and colouring mediums and its application 	<ul style="list-style-type: none"> Phulkari of Punjab ChambaKumal of Himachal Pradesh 	<ul style="list-style-type: none"> Basic embroidery stitches
Month 2 August	<ul style="list-style-type: none"> Basic embroidery stitches:- Cross stitch, Couching, Lazy Daisy, French knot, Bullion knot 	<ul style="list-style-type: none"> Line and its types Different Forms & Shapes 	<ul style="list-style-type: none"> Kashida of Kashmir Chikankari of Uttar Pradesh 	<ul style="list-style-type: none"> Basic embroidery stitches contd Kantha of Bengal
Month 3 September	<ul style="list-style-type: none"> Patch work – one shape patchwork, block unit patchwork 	<ul style="list-style-type: none"> Creation of motifs using different forms and shapes. 	<ul style="list-style-type: none"> Kutch Embroidery of Gujarat Sindhi and Kathiawar Embroidery 	<ul style="list-style-type: none"> Phulkari of Punjab Sindhi Embroidery
Month 4 October	<ul style="list-style-type: none"> Patch work Contd Terminal Exams 	<ul style="list-style-type: none"> Creation of motifs contd. Terminal exams 	<ul style="list-style-type: none"> Manipuri Embroidery Terminal exams 	<ul style="list-style-type: none"> Chikankari of Uttar Pradesh Terminal exams
Month 5 November	<ul style="list-style-type: none"> Applique – hand, machine, fusing, reverse applique 	<ul style="list-style-type: none"> Introduction to colour Colour wheel Value scale 	<ul style="list-style-type: none"> Kantha of Bengal Revision of topics 	<ul style="list-style-type: none"> Kutch Embroidery of Gujarat Kasuti of Karnataka
Month 6 December	<ul style="list-style-type: none"> Open work - • Cut work • Drawn thread work(hemstitching, needle weaving) 	<ul style="list-style-type: none"> Colour harmonies Warm and cool colours 	<ul style="list-style-type: none"> Kasuti of Karnataka 	<ul style="list-style-type: none"> Project work

Heena Narang

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Name of the teacher: - Heena Narang Department: - Clothing and Textiles Session: - 2017-18 Semester: - even

CLASSES	B.Sc. (Fashion Designing) 2 nd Semester	B.Sc. (Fashion Designing) 2 nd Semester	M.Sc. (Clothing & Textiles) 2 nd Semester	M.Sc. (Clothing & Textiles) 2 nd Semester
Subjects	Needle Craft (Practical)	Basics of Design (Practical)	Fashion Communication (Theory)	Fashion Communication (Practical)
Month 1 January	<ul style="list-style-type: none"> Smocking - • Introduction • Fabrics and Grids • Adding Smocking to a garment • English Smocking • Smocking Stitches • Working Stitch Combination 	<ul style="list-style-type: none"> Designing of following motifs and its types in different colourways - Geometrical, Realistic, Natural, Stylized, Abstract 	<ul style="list-style-type: none"> Communication • Mass Communication • Role of media in society • Need of Mass Communication in Fashion world 	<ul style="list-style-type: none"> • Creative Writing
Month 2 February	<ul style="list-style-type: none"> Smocking contd • Quilting - • Introduction • Tools and material Types of Quilting 	<ul style="list-style-type: none"> Designing of following motifs and its types in different colourways contd 	<ul style="list-style-type: none"> Creative writing - Feature and Article • Interviews • Designing catalogues and brochures 	<ul style="list-style-type: none"> • Designing of brochure and advertisement on fashion sales, exhibitions or fashion show
Month 3 March	<ul style="list-style-type: none"> Quilting Contd • Terminal exams 	<ul style="list-style-type: none"> Different placements of motif Vertical, Horizontal, Half drop, All over, Diagonal • Terminal exams 	<ul style="list-style-type: none"> • Photography • Editing • Terminal exams 	<ul style="list-style-type: none"> • Interview • Terminal exams
Month 4 April	<ul style="list-style-type: none"> Ribbon work 	<ul style="list-style-type: none"> Different placements of motif contd 	<ul style="list-style-type: none"> Ethics of media • Event management • Advertising 	<ul style="list-style-type: none"> • Photography
Month 5 May	PROJECT • Develop two product based on above techniques or their combinations	<ul style="list-style-type: none"> Collection of swatches and submission 	<ul style="list-style-type: none"> • Public relations • Publicity 	<ul style="list-style-type: none"> • Photography contd

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2017-2018

Name of the Teacher:- Mrs. Manpreet Kaur Department:- Clothing and Textiles Semester:- July 2017 to December 2017

CLASSES	B.Sc.Fashion Designing 1 st Sem	PGDFD 1 st Sem	PGDFD 1 st Sem
Subjects	Garment Construction (Th &Pr)	Garment Design (Pr)	C.A.D. (Pr)
July,2017	(Pr)Making samples of types of seams-Plain, Run and fell, French, lapped, Counter (Th) Terminology- Grain, Bias, Selvedge, Stay stitching, Facing, Binding, Seam allowance, Yardage, Tailor's tack, Ease stitching	Sketching of various fashion details a) Necklines b) Collars c) Sleeves d) Cuffs e) Pockets f) Frills and Flounces	1. Introduction to the tools of Corel Draw software. 2. Application of the tools of Corel Draw for making design composition for textiles and apparels: geometrical, nursery and floral motifs with special emphasis on its placement and repeats.
August,2017	(Pr)- Making samples of types of seam finishes-Overlock, Hand overcast,Turned and stitched,Binding. (Th)-. Tools and equipments used in clothing construction- Measuring tools, Marking tools,Cutting tools,Sewing tools, Finishing tools, Sewing Machine:Its parts and their functions. Common sewing machine problems and their remedies.	Sketching of various fashion details g) Bows and Ties h) Silhouettes i) Cascade j) Pleats/Tucks/Gathers k) Skirts l) Trousers m) Jackets	3. Illustration of a front profile of fashion model figure. 4. Draping the fashion figure in different silhouettes.
September,2017	(Pr) Fullness treatment-Darts, Tucks- Pin tucks, Cross tucks, Shell tucks Released tucks, Corded tucks, Gathers (Th) A brief study of the following:- • Basting: Even, uneven and diagonal, Hemming: Visible and invisible, Seams: Plain, Run and fell, French, lapped, counter and mantua maker, Seam finishes: Overlock, hand overcast, turned & stitched and binding. Fullness treatment-Tucks: Pin tucks, Cross tucks, Shell tucks, Released tucks, Corded tucks	Creating designs for the following by taking inspiration from the various sources: i) Children's Apparel: A) Casual wear a) Frock b) Skirt-top c) Jumpsuit B) Formal wear a) Party frock ii) Women's Apparel: A) Casual a) Ethnic wear	5. Study the different tools of Photoshop. 6. Redesigning a costume of a scanned fashion figure using tools of Photoshop.

	<p>Darts: Standard dart, Double pointed dart and Decorative dart</p> <ul style="list-style-type: none"> • Gathers, Shirring • Pleats: Box Pleats, Knife Pleats, Kick Pleats, Accordion pleats • Frills and Flounces • Ruffles 	<ul style="list-style-type: none"> b) Western wear c) Night wear 	
<p>October,2017 (Mid- Term Exam 10/10/2017- 17/10/2017)</p>	<p>(Th) Gathers, Shirring</p> <ul style="list-style-type: none"> • Pleats: Box Pleats, Knife Pleats, Kick Pleats, Accordion pleats • Frills and Flounces • Ruffles <p>(Pr) Released tucks, Corded tucks, Gathers</p>	<p>B) Formal</p> <ul style="list-style-type: none"> a) Ethnic wear b) Western wear c) Business wear <p>iii) Men's Apparel:</p> <ul style="list-style-type: none"> a) Ethnic wear b) Casual wear c) Formal wear 	<p>7. Designing a mood board according to the selected theme.</p>
<p>November,2017</p>	<p>(Th) A brief study of the following(with special reference to suitability and types)- Plackets, Pockets, Trimmings, Fasteners</p> <p>(Pr) Samples of Gathers</p>	<p>Interpretation of style and development of specification sheet of any one garment from each category.(children, women, and men)</p>	<p>8. Creating logos and visiting cards for your own label.</p>

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GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2017-2018

Name of the Teacher:- Mrs. Manpreet Kaur

Department:- Clothing and Textiles

Semester:- Jan 2018- May 2018

CLASSES	B.Sc. Fashion Designing 2 nd Sem	PGDFD 2 nd Sem	B.Sc. Home Science (ATD) 6 th Sem
Subjects	Garment Construction (Th &Pr)	Line Development (Pr)	History of World Costumes (Th & Pr)
January, 2018	Th- Terminology and details of the following: a) Sleeves: Plain, Puff, Cap, Bell, Petal, leg-o-mutton, Kimono, Reglan and Magyar b) Collars: Peter Pan, Baby, Cape, Sailor, Mandarin, Shawl and Convertible (Pr) Making samples of Neckline finishes • Facing • Binding 2. Making samples of plackets- • Continuous placket	Creating the Design Concept through Theme board Mood board	(Th) Evolution of Ancient Indian Costumes (Pr) To identify the sources of inspiration from various ancient world civilizations: Illustration of costumes of different Ancient world civilizations.
February, 2018	(Th) 2. Terminology and details of the following: a) Skirts: Basic, Flared, Circular, Panelled, Gathered, Gored, Godet, Pegged, Tiered and Wrap skirt b) Trousers: Shorts, Jamaica, Bermuda, Pedal pushers, Palazzo pants, Toreador pants and Capri. (Pr) Two Piece placket • Bound placket • Kurta placket 3. Making samples of Zippers- • Visible Zipper. • Invisible Zipper	Developing the designs Sourcing of the fabric	(Th-) Influence of Mughal and British period on Indian Costumes Egypt civilization Greek civilization (Pr) To identify the sources of inspiration from various ancient world civilizations: Illustration of costumes of different Ancient world civilizations.
March, 2018 (Mid- Term Exam 08/03/2018- 12/03/2018)	(Th) 3. Handling special fabrics (with special reference to seams, seam finishing and handling while sewing) 4. Preparation of fabric for clothing construction.	Preparation of Spec-sheets	(Th) Rome civilization Byzantine civilization (Pr) Design contemporary dresses by taking inspiration from sources.

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	(Pr) 4. Making sample of different Fasteners 5. Making samples of Pockets- <ul style="list-style-type: none"> • Patch pocket • Inseam pocket 		
April, 2018	(Th) 5. Fabric estimation and its importance. 6. Lining, interlining and underlining. 7. Facing and inter facing. 8. Suitability of different fabrics for different garments. (Pr) • Front Hip pocket <ul style="list-style-type: none"> • Patch pocket with flap • Kurta pocket 	Developing the patterns Preparation of Spec-sheets Garment Construction Show-casing the collection	(Th)-French costumes during the following periods: a) Middle ages b) Renaissance period c) Romantic period (Pr) Develop design suitable for Textiles by taking inspiration from above sources

Govt. Home Science College, Sector-10, Chandigarh

Teacher Name:- Navtej Singh
Session:- 2017-2018

Department:- Computer Lab
Semester – II

Class	B.Sc.HomeScience	B.Sc. Fashion Designing	M.Sc. Foods & Nutrition & Dietetics-II	PG Diploma Nutrition & Dietetics-II
Subject	Computer Applications	Basics of Computer Skills-II	Computer Applications in Foods	Diet Counselling & Computer Operations
Jan	Comp. Memory/ MS Excel	Comp. Memory MS Excel	Introduction DietCal	Introduction DietCal
Feb	Comp. Memory/ MS Excel	Comp. Memory MS Excel	Practical DietCal	Practical DietCal
Mar	Softwares (Terminal Exam)	Softwares (Terminal Exam)	Practical DietCal (Terminal Exam)	Practical DietCal (Terminal Exam)
Apr	Operating System WWW/Internet MS Excel Practical	Operating System WWW Internet MS Excel Practical	Practical DietCal	Practical DietCal
May	Practical File MS Excel	Practical File MS Excel	Practical File	Practical File
June	Practical File Final Exam	Practical File Final Exam	Final Exam	Final Exam



Govt. Home Science College, Sector-10, Chandigarh

Teacher Name:- Navtej Singh
Session:- 2017-2018

Department:- Computer Lab
Semester – I

Class	B.Sc.HomeScience	B.Sc. Fashion Designing		
Subject	Basics of Computer	Basics of Computer Skills-I		
July	Introduction to Computer, Classification of Computer/MSWord	Introduction to Computer, Classification of Computer/MSWord		
Aug	Computer Generations, Computer Hardware & Software/MS Word	Computer Generations, Computer Hardware & Software/MS Word		
Sept	Basic Organisation of Computer/ MS Word, MS Power Point	Basic Organisation of Computer/ MS Word, MS Power Point		
Oct	Computer Input/Output Devices/ MS Power Point Exam(Terminal)	Computer Input/Output Devices/ MS Power Point Exam(Terminal)		
Nov	Computer Abbreviations/ MS Power Point/ Practical File	Computer Abbreviations/ MS Power Point/ Practical File		
Dec	MS Word / MS Power Point Practical File/ Final Exam	MS Word / MS Power Point Practical File/ Final Exam		



GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2017- 2018 Name of the teacher:- Dr. Uttara Singh Department:- Foods and Nutrition Semester:- 1 & 3 (June - Dec 2017)

CLASSES	M.SC. FOODS AND NUTRITION SEMESTER - III			
Subjects	Dissertation			
July	Synopsis Questionnaire preparation			
August	Data collection Dietary survey		On maternity Leave	
September	Experimental work First draft of write up			
October	Data entry and analysis			
November	survey			
December	Data collection			

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GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2017- 2018 Name of the teacher:- Dr. Uttara Singh Department:- Foods and Nutrition Semester:- 2 & 4 (Jan - May 2018)

CLASSES	BSC. HOME SCIENCE SEMESTER- II	BSC HOME SCIENCE SEMESTER-IV	MSC. Food and Nutrition Semester - II	MSC. Food and Nutrition Semester - IV
Subjects	INTRODUCTION to foods and Nutrition II	APPLIED nutrition II	Dissertation new scheme)	DISSERTATION (OLD SCHEME)
January	•Study of the food groups Cereals, pulses,	•Concept and components of body compositions	Allotment of students to guides/ Supervisor	Submission of introduction, review of literature
February	•Study of the food groups with respect to their classification. Nuts and of seeds	•Concept of energy balance Positive, Negative.	Deciding of the topic	Results and discussion
March	•Balanced Diet Definition and concept	•Physiological characteristic.	Synopsis	Review by the guide and modifications
April	•Food Preservation- Definition and importance	•Physiological characteristics, nutritional requirements	Preparation of tools / questionnaire	Finalization and submission of dissertation content
May	revisions	Doubt sessions	Final preparation of questionnaire and tools	Final submission of dissertation

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Session:- 2017-2018Name of the teacher:- Dr. Reenu Department:- Chemistry Semester:- Term I (July – Dec 2017)

Classes	B.Sc. Home Science (Semester III)
Subjects	Applied Chemistry I
July	<u>Unit I</u> <u>Chapter 1:</u> Symbols formulae, valency and variable valency, elementary idea of empirical formula and molecular formula, Definition of atomic weight and molecular weight, Mole Concept <u>Chapter 2:</u> Chemical equation and reaction: Parts, types, essential of chemical equation, balancing of chemical equation by hit and trial method, drawbacks of chemical equations and their removal, Exothermic and endothermic, catalytic and reversible reactions. Doubts and Assignments.
August	<u>Unit II</u> <u>Chapter 3:</u> Chemical Bonding: Definition of chemical bond, cause of chemical, bonding, types of chemical bonds- ionic bond, covalent bond, coordinate bond (def & simple picture based on electron-dot picture) eg: $O_2, HCl, Cl_2, CaO, NH_4 + , H_3O + , MgF_2, CH_4, C_2H_4, C_2H_2, H_2O, H_2, NH_3$ <u>Chapter 4:</u> Elementary idea about normality, formality, molarity, strength of solution, mole fraction and ppm. What are solutions. Doubts and Assignments.
September	<u>Unit-III</u> <u>Chapter 5:</u> Elementary idea about hard water (causes and types), heavy water with its uses. <u>Chapter 6:</u> Soaps & detergents, Their Cleansing action. <u>Chapter 7:</u> Fire extinguishers – Types & Uses. Doubts and Assignments.
October	<u>Unit-IV</u> <u>Chapter 8:</u> Properties and uses of Methane (CH_4) <u>Chapter 9:</u> Properties and uses of ethylene (C_2H_4) <u>Chapter 10:</u> Properties and uses of Acetylene (C_2H_2) Doubts and Assignments.
November	Assignments and revision tests



GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2017-2018

Name of the teacher:- Dr. Recnu Department:- Chemistry Semester:- Term II (Jan – May 2018)

CLASSES	B.Sc. Home Science (Semester IV)
Subjects	Applied Chemistry II
January	<p><u>Unit- I</u> <u>Chapter 1:</u> Alcohols- Properties and uses of ethyl alcohol, idea about methylated spirit, absolute alcohol and power alcohol. <u>Chapter 2:</u> Properties and uses of acetic acid. Doubts and Assignments.</p>
February	<p><u>Unit- II</u> <u>Chapter 3:</u> Properties and uses of Benzene, Phenol. <u>Chapter 4:</u> Preparation and uses of Benzene diazonium chloride. Doubts and Assignments.</p>
March	<p><u>Unit- II</u> <u>Chapter 5:</u> Cosmetics: Brief study and elementary idea about ingredients- cold cream, vanishing cream, lipstick, mascara, depilatories. Use of fluoride toothpaste and chemistry of cold cream. <u>Chapter 6:</u> Chemistry in medicine: Anti pyretics and Sulpha drugs. <u>Chapter 7:</u> Food Additives. Doubts and Assignments.</p>
April	<p><u>Unit- IV</u> <u>Chapter 8:</u> Polymerization and Polymers- Definition and classification. <u>Chapter 9:</u> Polymers in textiles: Chemistry of synthetic fibers- Nylon, Polyester and Acrylic fibers. <u>Chapter 10:</u> Fertilizers: Nitrogen, Potassium and Phosphorus. Doubts and Assignments.</p>
May	Assignments and revision tests

Recnu

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2017-18

Name of the teacher:- Mrs. Neha Department:- Dance Semester:- Ist and IIIrd

CLASSES	BSC (Home Science) I st semester	BSC (Home Science) III rd semester		
Subjects	Dance (Kathak)	Dance (Kathak)		
Month 1 July	Introduction to Kathak and 2 Torus in Teen Taal.	Revision of Basics of Kathak Introduction of Jhaptaal		
Month 2 August	Introduction of Tatkas and chakras Hast Mudras and Teen Taal.	Revision of Nagma and Todha. Cayabasis of Jhaptaal		
Month 3 September	Introduction of Nagma and Todha and Namd. movements Salami x Namad.	Practical demonstration of 10 Hastas Introduction of 4 Todhas of Jhaptaal		
Month 4 October	Practical and Theory Exams.			
Month 5 November	Introduction of Chaulai life sketch of Pt. Vday Shakar.	Introduction of Aramad & Karan - Jhaptaal life sketch of Pt Sunder Kasad.		

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2017-18

Name of the teacher:- Mrs. Neha

Department:- Dance

Semester:- IInd and IVth

CLASSES	B.Sc (Home Science) II nd Semester	B.Sc (Home Science) IV th Semester		
Subjects	Dance (Kathak)	Dance (Kathak)		
Month 1 January	Revision of Tattva Teen Taal. Introduction of Toras in Teen Taal.	Revision of Teen Taal. Introduction of Chakkardas Paran & Paran		
Month 2 February	Introduction of Salami & Aamad. Practice of Salami and Aamad.	Introduction of Chakkardas Todka & Kavil - Teen Tal Practice of above mentioned Topic		
Month 3 March	Practical and	Theory Exam		
Month 4 April	Introduction of Layari in Chantal Practice	Introduction of Chakkardas Todka - Chantal Practice		
Month 5 May	Introduction of Todka & Aamad - Chantal Practice	Introduction of Paran & Kavil - Chantal Practice		

Govt. Home Science College, Sector-10, Chandigarh

Teacher Name:- Gaurav Kalra
Session:- 2017-2018

Department:- English
Semester – II

Class	B.Sc. Home Science	B.Sc. Fashion Designing
Subject	English Language and Communication Skills	English I
Jan	Overview of the lesson (Prose) Letter to a Teacher Unit I (poem) The Unknown Citizen What is Report Writing? Types of Report Writing With Examples	Discussion on the lesson The Position of Women in Ancient India Classroom Presentations
Feb	Overview of the lesson (Prose) The Best Investment I Ever Made Unit I (poem) Anthem for Doomed Youth Discussion on Informal Letters With Examples	Overview of the lesson (Prose) JC Bose by Aldous Huxley Practice of Precise Writing with examples
Mar	Overview of the lesson (Prose) Taking the law into Their Hands Unit I (Poem) Dover Beach Correction of Sentences (Terminal Exam)	Discussion on the play The Proposal by Anton Chekov Classroom Presentations Letter Writing (Letter to the Editor) (Terminal Exam)
Apr	Overview of the lesson (Prose) The Elixir of Life Unit I (Poem) Telephone Conversation Practice of Correct forms of Verb with Examples	Discussion on the play Riders to the Sea Practice of match of the following from the prescribed text
May	Revision of the Poems and Prose Homophones with Examples	Discussion on the play Lithuania Unseen passage for Comprehension
June	Final Exam	Final Exam



Dec	<p>Introduction to Literature, Discussions about Poetry written in Hindi, Punjabi and English Languages, Discussion on Unit-I (Poetry) Song-36 From Gitanjali Discussion on Unit-I (Prose) Spoken English and Broken English, Letter Writing (Formal Letter)</p>	<p>Introduction to Literature, Discussions about Poetry written in Hindi, Punjabi and English Languages, Discussion on the Chapter The Judgement Seat of Vikramaditya and What is Communication and Types of Communication? Notice Writing with Examples</p>
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