

Session: 2021-22

Name of Teacher: Prof Reetinder Brar

Department: Human Development and Family Relations

Semester: Odd sem

CLASSES	B.Sc 5 <sup>th</sup> Semester		PG Diploma CGFC	M.Sc 1 <sup>st</sup> Sem	M.Sc 1 <sup>st</sup>	M.sc 2 <sup>nd</sup> Sem	MSc 4 <sup>th</sup> Sem
Subjects	Introduction to Guidance and Counseling Theory            Practical		Psychological Assessment	Assessment in Human Development Pr	Infancy Seminar	Dissertation	Adolescence Seminar
Month 1	Define guidance and counselling. Need and scope of guidance and counselling.	To make a scrapbook of advertisements related to Guidance and counselling courses, Guidance and counselling centers/ services, Guidance and counselling vacancies.	Concepts of Measurement, Evaluation, Types of Variables. Reliability and Validity.	Myers Briggs and Subjective Well Being Scale	Characteristic Needs and Developmental Status of Infants	, Selection of Topic and Synopsis presentation	Physical Growth and Personality Changes in Adolescence,
Month 2	Types of guidance. Application of different types of guidance.	To visit agencies related to guidance and counselling Career counselling. Personal counselling	Profiling a case for career counselling – Developing background information Intelligence test	Observation and Interview Method	Significance of catering to physical and Psychological needs	Collection of Data	Community Adolescence and Deviant Behavior
Month 3	Types of counselling. Application of counselling in different settings.	To organize a class workshop for need based counselling (e.g. Career counselling for students, counselling for parents, counselling for adolescence related to money management/ time management/ mental health issues/ peer relationships etc). To conduct a case study of a school going child with emotional/behavioral problems.	Personality, Interest and Achievement Motivation tests	Questionnaire, WISIC, DST Scales	Emotional, Cognitive and Social development	Collection of Data	Cognitive structure and determinants of Adolescence Behavior
Month 4	Professional counselor: Skills and qualities of counselor. Common issues at school level in need of counseling, importance and role of a counselor in school.	Making Powerpoint Presentation and presenting it in class	Taking inputs from Parents and Teachers and making career profile	CAT and Draw A Man Test	Perception of different culture on Infant Care	Analysis of Data	Adolescence and work. Sex and Moral Identification
Month 5	Revision	Revision	Revision		Presentation	Analysis	Presentation

*ABR*

Session: 2021-22

Name of Teacher: Prof Reetinder Brar

Department: Human Development and Family Relations

Semester: Even Sem

CLASSES	B.Sc 6 <sup>th</sup> Semester		PG Diploma CGFC 2 <sup>nd</sup>	PG Diploma CGFC 2 <sup>nd</sup>	M.Sc 2 <sup>nd</sup>	M.sc 3 <sup>rd</sup> Sem	MSc 4 <sup>th</sup> Sem
Subjects	Old Age Theory      Practical		Tools of Measurement and Evaluation	Introduction of Guidance and Counseling II	Early Childhood Seminar	Dissertation	Old Age Seminar
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	Introduction to Guidance and Counseling	Basic Needs and Rights,	,Selection of Topic and Synopsis presentation	Changes in Physical and Psychological Status
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	Introduction, Meaning, Assumption and Principles of Counseling	Agencies, Physical and Emotional	Collection of Data	Adjustment Problems of Old Age
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	Directive and Non Directive Counseling, Skills of Counsellor	Cognitive, Social	Collection of Data	Typical Behavior and Characteristics of Old Age
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	Psychodynamic s Theories of Counseling ,Transactional Analysis	Language and Research	Analysis of Data	Elderly Abuse
Month 5	Revision	Revision	Revision	Rational Emotive Theory ,Behavior and Cognitive Intervention in Counseling	Presentation	Analysis	Presentation

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2021-22

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 (SEPT.)	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 (OCT.)	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 (NOV.) 09.11.21.-15.11.21. (MID SEM. EXAM.)	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 (DEC.)	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 (JAN.)	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:- 2021-22

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 (MARCH)	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 (APRIL)	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 (MAY) 02.05.22-09.05.22 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 (JUNE)	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:- 2021 - 2022

Name of the teacher:- Dr. Rajesh Biswas, Department:-Zoology, Semester:- Ist semester(Sept. 21 – Jan. 22)

CLASSES	B.Sc. Home Science , I-Semester	B.Sc. Home Science, I - Semester
Subjects	Applied Zoology-I, (Theory)	Applied Zoology-I,(Practical)
Month 1(Sept.)	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 andWucheriabancrofti: life history , disease caused and mode of transmission .	1. Phylum based identification and Economic importance of Invertebrates and Vertebrates present in the laboratory.
Month2(Oct.)	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 Dhor (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 (Nov.) Mid-Sem-Exam 09.11.2021 to 15.11.2021	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(Dec.)	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
Month5(Jan.)	Unit-IV 17. Elementary knowledge of Poultry( important breed of poultry, selection of breed, Housing, Feeding and common ailment such as Ranikhet, coccidiosis, fowlpox 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). <b>Revision</b>	5. Visit to Poultry farm. 6. Vermiculture. 7. Project report on field visit to renowned poultry <b>Revision</b>

*Rajesh Biswas*

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2021 - 2022

Name of the teacher:- Dr. Rajesh Biswas , Department:-Zoology, Semester:- II- semester ( Mar. 22 - June 22)

CLASSES	B.Sc. Home Science, II- Semester	B.Sc. Home Science, II- Semester
Subjects	Applied Zoology-II( Theory)	Applied Zoology-II (Practical)
Month 1(Mar.)	<p>UNIT- I</p> <p>1. An Elementary Knowledge of Structure and Function of DNA.</p> <p>2. An Elementary Knowledge of Structure of RNA.</p> <p>UNIT- II</p> <p>5. Heredity- • Simple Inheritance(According to Mandel-law) • Monohybrid and dihybrid cross • Incomplete inheritance.</p> <p>4. An Elementary Knowledge of Structure of human Chromosomes their variation.</p>	<p>1. Blood grouping( ABO)</p> <p>2. Measurement of Blood pressure (Demonstration).</p> <p>3. Demonstration of Extraction of DNA.</p>
Month2(April)	<p>UNIT- II</p> <p>5. Heredity- • Simple Inheritance(According to Mandel-law) • Monohybrid and dihybrid cross • Incomplete inheritance</p> <p>6. Human genetics • An Elementary knowledge ABO and Rh Blood groupings. • An Elementary knowledge of Genetic basis of blood groups( ABO and Rh)</p> <p>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 .</p> <p>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.</p>	<p>4. Demonstration of submarine Electrophoresis of extracted DNA in Agarose Gel.</p> <p>5. Demonstration of Visualization of Extracted DNA by staining it with Ethidium Bromide.</p>
Month 3(May) Mid-Sem-Exam 02.05.2022 to 09.05.2022	<p>UNIT-III</p> <p>8. An elementary knowledge of Gene, Genome and Genomic.</p> <p>9. An elementary knowledge of Genetic engineering.</p> <p>10. An elementary knowledge of Transgenic product -Bt-Products, Golden Rice, Flavr-Savor Tomato.</p> <p>11. An elementary Knowledge of Polymerase Chain Reaction(PCR)</p>	<p>5. Demonstration of Visualization of Extracted DNA by staining it with Ethidium Bromide.</p> <p>6. Demonstration of Polymerase Chain Reaction(PCR)</p>
Month 4(June)	<p>Unit-IV</p> <p>12. An elementary knowledge of Biotechnology.</p> <p>13. An elementary knowledge of Stem cell research.</p> <p>14. An elementary knowledge of AIDS and its control.</p> <p>15. An elementary Knowledge of Forensic DNA Diagnostics.</p> <p>16. An elementary Knowledge of Swine Flu.</p> <p>Revision</p>	<p>6. Demonstration of Polymerase Chain Reaction(PCR)</p> <p>7. Project report on visit to renowned <b>Revision</b></p>

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2021-2022 Name of the teacher: Dr. Ritu Pradhan Dept:- Foods and Nutrition Semester:- 1 & 3 (Sept-21 to Feb-21)

CLASS E S	PG Diploma Nutrition and Dietetics				M.Sc. Foods and Nutrition (sem-3)				M.Sc. Foods and Nutrition (sem-1)
	Subjects	Applied Nutrition -1	Food product development	Seminar-1	Project	Dissertation	Nutritional management in sports and fitness	Food service management	Seminar
Sept	Formulation of RDA and dietary guidelines Concept of body composition  Concept of kilojoules and kilocalories REE,RMR,BMR,PEE,TEF BMR energy balance	Developing and preparation of main course, snacks, ready to eat and dessert recipes for the following: Gluten free	Seminar's topics discussion and finalisation	Display board decoration	Synopsis Questionnaire preparation	Introduction to sports nutrition Fitness and nutritional assessment  Macronutrients in sports-Carbohydrates	Concept and Evolution of the foodservice industry. Types of FoodService Preparation forservice Food Service Organization and Management	Seminar's topics discussion and finalisation	Energy needs and RDA Weight management Under and over nutrition Metabolic X syndrome Dietary carbohydrates and dietary fiber
Oct	Nutritional and lifestyle management Pregnancy and lactation Infancy Childhood Adolescent	Low glycemic index Low/high fiber Low purine	Seminar conducted	Aids prepared on millets	Data collection/ experimental work	Proteins and fats  Calorie needs and expenditure B complex vitamins Minerals	Principles and functions of management Quantity Food Production	Seminar conducted	Glucose regulation in blood and hormonal control Essential fatty acids Phytochemicals Plat sterols ,Dyslipidemias Lipoproteins
Nov	Adulthood Old age	Developing and preparation of two recipes each using the following methods of cooking: Microwave	Seminar conducted	Millet based recipe preparation	Data collection/ experimental work	Antioxidants and water Aerobic and anaerobic activity Vegetarian athletes Female sportsperson- Menarche	Human Resource Management	Seminar conducted	Protein turnover Nitrogen balance Assessment of Protein quality Fasting and starvation Antioxidants
Dec	Concept of balanced diet and diet therapy Consistency modification Nutrient modification	cooking Baking	Seminar conducted	Participation in various inter college and intra college competition	Data entry and analysis	Menstruation- Amenorrhea and Anemia	Training	Seminar conducted	non nutritive food components
Jan	Team approach to healthcare Nutritional support and type of feeding Enteral and parental	Steaming Grilling	Seminar conducted	Display board setup	Write up - Introduction Methodology Review of literature	Energy requirements for -Strength and power athletes -Endurance athletes Ergonomic aids and dietary supplements	Finacial magement Food cost analysis	Seminar conducted	Role of leptin nad ghrelin
Feb	Revision	Practice of recipe preparation	Practice of nutrition related software	Final submission of project report	Final draft of introduction Review of literature and methodology	Revision	Assignments		Revision

Ritu Pradhan

Session:- 2021-2022

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH  
Name of the teacher:- Dr. Ritu Pradhan Department:- Foods and Nutrition Semester:- 2 & 4 (Mar-22 to Jun-22)

CLASSES	PG Diploma Nutrition and Dietetics -2			M.sc. Foods and nutrition (Sem-4)			M. Sc. Foods and nutrition (Sem-2)		
Subjects	Applied nutrition-2	Seminar -2	Diet counselling and computer applications	Alternative medicine in nutrition	Dissertation	Entrepreneurial ventures in food	Dissertation	Public health nutrition-2	Computer applications in food
March	DietaryFiber Antioxidants Functional foods Fatty acids Nutraceuticals Water  Weight management Underweight Overweight	Topics discussion and selection of topics	Operation of diet clinic and counseling  Computer applications in use of nutrition related software Diet Cal	Introduction Yoga Ayurveda Naturopathy Homeopathy Features and Role of traditional herbal medicines in healing	Submission of finalised introduction, review of literature, methodology	Entrepreneurship Process features of entrepreneurship and entrepreneur differences among entrepreneur, manager, and business owner. Problems in the growth of entrepreneurship, business plan Business idea Finance sources Government incentives	Allotment of students to guides	Programmes planning and management in Public Health Nutrition ICDS Mid Day meal School health program	Basics of computer Ms word Ms excel Ms powerpoint
April	Dietary and behavioral modification Eating disorders Food allergy-management and elimination diet	Seminar conducted	Diet cal practice  Report and presentation of case study.	Definition and classification of herbal medicinal products Good manufacturing practices and documentation of quality  Ayurvedic concept- Diet tenets and properties Medicinal plants used in alternative medicines	Data analysis and results Write up and discussion with guide  Review of finalised thesis and modification	Startups and small business development in food industry - types features,importance growth, problem faced Food technology startup in India- Concept, features and case study  Electronic-Commerce and Food Enterprise Development in India	Research Topic discussion and deciding of topics	Nutrition Education Communication behavioural change , methods Relevance to IEC Approaches for control of undernutrition National programmes- IYCF,NRHM,RCH,IMNCI WHO Standards in India- Importance and implications National nutrition policy	Use of word processing software for creating reports
May	Metabolic changes and dietary management Food intolerance Gluten and lactose Febrile conditions stress Injury Trauma	Seminar conducted	Visit to certain institutions Dietetics dept	Alternative medicine therapies Body based practices mass therapy, reflexology, aromatherapy,osteopathy, acupuncture	Modifications and addition of recommendations	SWOC analysis Analysis of business and competitors  Growth Strategies in Small business  Objectives and stages of growth in small business Types of growth strategies Expansion and diversification	Topic shortlisted	Population dynamics Demographic Transition Population Structure Population Policy Millennium Development Goals (MDGs)	Data entry in excel sheet format for data analysis and statistical tools application (t-test, Chi square, Correlation, Anova)
June	Sepsis HIV/AIDS	Seminar conducted	Presentation of visit to various institutions like Anganwadis/Hotel Industry/Hospital/Dietetics department/NGO.	Importance and concept of diet in Yoga Naturopathy	Conclusion and summary write up and modifications and finalisation of dissertation	Business Development and Marketing Strategies in relation to food industry Sales promotion: Overview of advertising, packaging and branding as marketing tools	Topic finalisation	Millennium Development Goals and its relationship with nutrition New Emerging public health Problems of NCDs	Use of Nutritional software diet cal and nutrical for calculation of nutritive value of Diets/foods

*Ritu Pradhan*



GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: 2021-2022 (August- December)

Name of the teacher: Neelam Kumari

Department: Human Development and Family Relations

<b>CLASSES</b>	B. Sc. Home Science 3 <sup>rd</sup> Semester		MSc Home Science (Human Development and family Relations) 1 <sup>st</sup> semester	MSc Home Science (Human Development and family Relations) 3 <sup>rd</sup> semester	
<b>Subjects</b>	Development in Infancy		Effective Parenting Skills	Care and education of children with special needs	
<b>August 2021</b>	Cognitive development in Infancy	Market Survey of Infants items	Introduction, The task of parenting and the concept of parenting skills	Identification, treatment and education of mentally retarded	Display related to the nature, assistive devices for children with special needs
<b>September 2021</b>	Factors affecting Cognitive and language development	Folder on Play activities and lullabies	Changing concept of parenthood Being a competent parent	Socio-Emotional Problems, Treatment Visual Impairments	Visit and prepare report on institutions working
<b>October 2021</b>	Language development, Pre-speech Communication	Toy: Motor Skill, Socio-emotional development	Parenting roles, characteristics, family life cycle	Visual Impairments, Speech and language	Case study on a child with any one type of disability
<b>November 2021</b>	Role of family member, Physical care of Infants	Poster: All round development	Home visit and interview of parents.	Learning disabilities, classification	Workshop to enhance the capacities
<b>December 2021</b>	Emotional pattern Common play	Presentation of File work Feedback	A need-based intervention program for parents	Counselling of parents	Group discussion

*Neelam*

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: 2021-2022 (January-June)

Name of the teacher: Neelam Kumari

Department: Human Development and Family Relations

<b>CLASSES</b>	B. Sc. Home Science 4 <sup>th</sup> Semester		MSc Home Science (Human Development and family Relations) 2 <sup>nd</sup> Semester		MSc Home Science (Human Development and family Relations) 4 <sup>th</sup> Semester
<b>Subjects</b>	Development in Early Childhood		Development of creativity in children		Persons with disabilities
<b>January 2022</b>	Physical development in Early Childhood	Observations of Play activities of Pre-school	Creativity: definition, concept, types, problem solving, Scope	Tests of creativity (any one)	Various approaches to define and understand disabilities: philanthropic, medical, administrative, legal and social
<b>February 2022</b>	Motor Skills in Early Childhood	Folder: All round development	Psychology-dynamic and psychometric approach	Surveying modern creative techniques using different schools	Role of context in the meaning of normality and disability, attitudes of people towards disability
<b>March 2022</b>	Cognitive development, Factors affecting	Interview of Mothers on Parenting	Cognitive and confluence approach	Plan and develop a resource file of creative activities	Philosophy of inclusion Techniques of identification and assessment.
<b>April 2022</b>	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	Physical and social barriers in development of persons with disabilities, Rights vs needs of persons with disabilities.
<b>May 2022</b>	Play: Importance and Types	Presentation of File work Feedback	Influence of child rearing practices, brainstorming etc.	Executing the workshop	Use of assistive devices, Programs and policies for persons with disabilities, PWD act.

Neelam

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: 2021-2022 (Odd Semester)

Name of the teacher: Dr. Chhaya Verma

Department: Clothing and Textiles

Semester: Sept, 2021-Feb, 2022

CLASSES	B.Sc. (F.D.)- 1 <sup>st</sup> Sem	B.Sc. (F.D.)1 <sup>st</sup> Sem	M.Sc. (C&T)- 1 <sup>st</sup> Sem	M.Sc. (C&T)- 3 <sup>rd</sup> Sem	
Subjects	Textile Science-I (Th)	Textile Science-I (Pr)	Apparel Designing and cons.-I(Pr)	Dyeing & Finishing (Th)	Dyeing & Finishing (Pr)
Sept,2021	Textile fibres and their classification based on sources and origin. Properties of textiles fibers.	Fiber identifications – visual, burning test	Designing and style reading, pattern development and construction of Party frock	Defination and classification of dyes - Dye fiber interaction Role of fiber structure in dyeing Application of dyes on different fabrics Dyeing of blends	Scouring and bleaching of cotton. Dyeing of cotton with direct dye.
October,2021	Manufacturing and properties of various natural cellulosic fibres – cotton and linen	Fiber identifications –microscopic and solubility test	Designing and style reading, pattern development and construction Jump suit	Dyeing machinery Colour measurement- Theories of dyeing	Dyeing of cotton with azoic, reactive and acid dyes
November,2021 (Mid-Term Exam 09/11/21- 15/11/2021)	Manufacturing and properties of various natural protein fibres- wool and silk.	Identification of type of yarn	Designing and style reading, pattern development and construction Skirt	Water types and impurities and methods of softening After treatment of dyed fabrics	Dyeing of silk with direct, basic and reactive dyes. Dyeing of wool with acid, basic dyes.
December,2021	process and properties of regenerated cellulosic fibre – Viscose rayon. Manufacturing process and properties of modified cellulosic fibre – acetate	Determination of twist.	Designing and style reading, pattern development and construction top	Importance& Classification of finishes Basic preparation of fabrics- - Cotton, Wool and silk	Extraction and application of any one natural dye using natural source on cotton
January,2022	Manufacturing process of man-made synthetic fibres- Polyamide- Nylon 66, Nylon 6	Evaluation of thread count	Practice of Pattern Development, material layout and Construction of the above garments	preparation of fabrics- Manmade fabrics Finishes that affect hand or texture	Extraction and application of any one natural dye using natural source on silk and wool.
February, 2022	Manufacturing process of man-made synthetic fibres- Polyester and Acrylic	dimensional stability of fabric	Practice of Pattern Development, material layout and Construction of the above garments	Special purpose finishes	Application of direct dye with different mordants

Chhaya

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2021-2022 (even Semester)

Name of the teacher: Dr. Chhaya Verma

Department: Clothing and Textiles

Semester: March, 2022-June, 2022

CLASSES	B.Sc. (F.D.)- 2 <sup>nd</sup> Sem	B.Sc. (F.D.)- 2 <sup>nd</sup> Sem	M.Sc. (C&T)- 2 <sup>nd</sup> Sem	M.Sc (C&T) 2 <sup>nd</sup> Sem
Subjects	Textile Science-II(Th)	Textile Science-II (Pr)	Textile Testing (Th)	Textile Testing (Pr)
March,2022	Types of yarn – Spun, filament, simple, novelty, bulk and textured Effect of twist and direction of twist	Stain removal	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
April,2022	Spinning – mechanical and chemical Mechanical spinning - Ring spinning, open end spinning, DREF (Friction Spinning), water jet spinning and air jet spinning Chemical spinning – Dry spinning, wet spinning, melt spinning	Preparation of starches- arrowroot and gum Arabic.	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
May,2022 (Mid-Term Exam 02/05/2022- 09/05/2022)	Soaps and detergents-Composition, types, qualities, manufacturing and cleansing action of soaps and detergents.	Laundering of special garments: Terry cot shirt -	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
June,2022	Blues- Types and uses Bleaches- Types and Application.	Laundering of special garments: Woolen garment (pullover/cardigan)	Fabric testing: thread count, weight, crimp, thickness. Porosity, air- permeability, thermal conductivity and Dimensional stability of fabrics	Dimensional change in laundering Drapability Seam Slippage
	Stiffening agents- Types and uses	Laundering of special garments: Silk scarf - Table cloth	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: - 2021-2022

Name of the teacher: - Dr. Sonia

Department:- Clothing and Textiles

Semester:- Sept'2021-Feb'2022

CLASSES	B.Sc. (F.D.)- 1 <sup>st</sup> Sem	B.Sc. (F.D.)- 5 <sup>th</sup> Sem	M.Sc. (C&T)- 1 <sup>st</sup> Sem	M.Sc. (C&T)- 1 <sup>st</sup> Sem
Subjects	Needle Craft-I (Pr)	Pattern Making-II (Pr)	Fabric Science (Th)	Fabric Science (Pr)
Sept,2021	Stem, Back, Chain, French knots and Cross Stitches	Basic Skirt Block Sloper of Basic Skirt	Molecular Structure Polymers and its types Polymerization	Cotton
October,2021	Blanket, Couching, Long and Short, Bullion Stitches, Patchwork- Its designs and stitching of samples	A -Line Skirt Full circular Skirt Four Gored Skirt	Intermolecular and Intramolecular forces Physical Properties of fibers, Innovation in fibers	Silk and Linen Wool and Nylon
November,2021 (Mid-Term Exam 09/11/21- 15/11/2021)	Cutwork Hemstitch Applique work	Six Gored Skirt Flared Skirt Peplum Skirt Knife Pleated Skirt	Cotton, Linen, Jute, Silk, Wool, Pineapple, Banana, Palm, Bamboo, Hemp	Acrylic and Rayon Terycot,
December,2021	Designs of Applique and its samples	Tiered Skirt Yoke Skirt	Rayon and its types, Acetate, Triacetate, Polyester, Nylon 6 & 66, Acrylic and Modacrylic, Polyethylene	Terrywool
January,2022	Project work	Inverted Box Pleated Skirt, Knife Pleated skirt Grading, Stitching of Basic Skirt	Polypropylene, Spandex, Technical Textiles, Smart Textiles, Fabric Composites	Technical Textiles

*Sonia*

**GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH**

Session: - 2021-2022

Name of the teacher: - Dr. Sonia

Department:- Clothing and Textiles

Semester:- March'2022-June'2022

CLASSES	B.Sc. (F.D.)- 4 <sup>th</sup> Sem	B.Sc. (F.D.)- 4 <sup>th</sup> Sem	M.Sc. (C&T)- 4 <sup>th</sup> Sem	Ph. D. Coursework	M.Sc. (CT)- 2 <sup>nd</sup> Sem	M.Sc. (CT)- 4 <sup>th</sup> Sem
Subjects	<b>Traditional Embroideries (Th)</b>	<b>Traditional Embroideries (Pr)</b>	<b>Image Styling (Pr)</b>	<b>Clothing &amp; Textiles</b>	<b>Dissertation</b>	<b>Dissertation</b>
March,2022	Phulkari of Punjab Chamba Rumal of Himachal Pradesh	Phulkari of Punjab Kantha of Bengal	Elements and Principles of Design, Component of fashion	Recent developments in textiles and apparel	Allotment of students to Guides/Supervisors	First draft of Introduction/ Review of literature/Methodology
April,2022	Chikankari of Uttar Pradesh Kutch of Gujarat Kantha of Bengal	Kutch of Gujarat Mirror work	Fundamental of Styling: Figure-Body shape, Face shape, Skin tone, Latest trend/fashion, Fashion forecast, Suitability of different dresses and accessories for different occasions	Technological Upgradation of textile industry	Topic finalisation	Submission of finalized Introduction, Review of literature, Methodology
May,2022 (Mid-Term Exam 02/05/2022-09/05/2022)	Kashida of Kashmir Kasuti of Karnataka	Chikankari of Uttar Pradesh Kasuti of Karnataka	Styling of different figure types, Case study of Image styling of renowned personality	Technological Upgradation of apparel industry	Synopsis	Results and Discussion
June,2022	Sindhi and Kathiawar Maipuri	Sindhi Embroidery	Etiquette and grooming, Project work- theme based self styling and model styling	Journal Club presentations	Questionnaire preparation	Finalization of all chapters of dissertation

*Sonia*

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Name of the Teacher:- Dr.Neha Sharma

Session:- 2021-2022

Department:- HDFR

Semester:-Sept2021-Feb 2022

CLAS SES	B.Sc. H.Sc. HDFR 5 <sup>th</sup> Sem	B.Sc. H.Sc. Composite/ HDFR 5 <sup>th</sup> Sem	M.Sc. Home Science HDFR 1 <sup>st</sup> Sem	P.G.Diploma in CGFC 1 <sup>st</sup> Sem	P.G.Diploma in CGFC 1 <sup>st</sup> Sem	P.G.Diploma in CGFC 1 <sup>st</sup> Sem	M.Sc. H.Sc. HDFR 3 <sup>rd</sup> Sem	M.Sc. H.Sc. HDFR 3 <sup>rd</sup> Sem
Sub	Introduction to Theories of Human Development-I	Development in Adolescence (Th+Pr)	Socialization in various family contexts across different cultures (Theory)	Theoretical Perspectives in Child Development- I (Th)	CGFC (practical) -I	Marriage and Family Relations (TH)	Program Planning and placement in Child Welfare Agencies (PR)	Dissertation
Sept	-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.	-Pubertal changes in girls and boys. -Early versus Late maturers. -Emerging sexuality. -Health in adolescence – Nutrition, substance use and abuse, eating disorders. <b>(Practical)</b> Administer and interpret psychological test - 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	-Introduction to theoretical perspectives in child development -Principles of child development	-Exposure to various modes of Counselling (Face to face, Online, Telephonic) and writing a report on them.	-Introduction to Family and its changing structure -Family Dynamics Socialization Parenting styles	-Visit to various centers within or outside the city which cater to the pre-school stage e.g. day carecenter, balwadi, anganwadi, crèche etc. -Preparing a resource unit file on the basis of play way method/approach.	Dissertation
Oct	-Cognitive developmental theories – Piaget. -Information processing theories. -Sociocultural theories – Vygotsky. -Ethology and evolutionary theories – Konrad Lorenz, John Bowlby. -Ecological systems theory – Urie Bronfenbrenner.	-Piaget's stage of formal operation. -Adolescent egocentrism. -Moral behaviour and Moral reasoning in adolescence <b>(Practical)</b> 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).	-Planning effective guidance program for children and parents with -Behavioural problems -Emotional problems -Social problems.	Intro to Marriage and Family Relations -Basics of marriage -Family stage Understanding Parent-child Relationships -Gender, family adjustment Disciplinary techniques	- Placement and program implementation by students in various child welfare agencies, twice a week. Preparing audio-visual aids and presentation of the following:- - Story and their techniques -Types of puppets and mobiles.	Dissertation
Nov	-Pavlov's Classical Conditioning. -Watson's Operant Conditioning.	-Development of identity and the self concept. -Relationship with parents and peers.  <b>(Practical)</b> 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)	-Selecting and profiling a case having Marital problems, Executing counselling program and presenting the case in class.	-Influence of family relations on parent and child well being. Marital Discord and Need for Counselling -Dysfunctional parental relationship and consequences Counselling children and adults	- Art and craft portfolio - Song booklet and low cost musical instruments -Readiness games and material -Picture talk and object talk related material etc. - Developing interpersonal skills and effective communication skills with parents and children.	Dissertation
Dec	-Structure of the environment in ecological system theory – The microsystem, mesosystem, exosystem and macrosystem. Influence of ecological systems on development.	-Juvenile delinquency. -Depression and suicide. -Risky sexual behaviour. <b>(Practical)</b> Interview 10 adolescences Report the following: -Problems faced during pubertal changes. -Health related concerns. -Problems of 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)	-Developing and executing various activities to enhance counselling skills such as listening, empathy, warmth etc.	Orientation of family counselling -Psychoanalytic /Psychodynamic/Rational Emotive/Experiential family counselling -Social-learning/	-Planning and implementing a parent Teacher meeting. -Planning, preparation and serving of supplementary nutritious snacks for pre-schoolers.	Dissertation
Jan	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Dissertation

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GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Name of the Teacher:- Dr.Neha Sharma

Session:- 2021-2022

Department:- HDFR

Semester:-March-June 2022

CLASSES	B.Sc. H.Sc. HDFR 6th Sem	B.Sc. H.Sc. HDFR 6th Sem	M.Sc. Home Science HDFR 2 <sup>nd</sup> Sem	M.Sc. H.Sc HDFR-2 <sup>nd</sup> Sem	P.G.Diploma in CGFC 2 <sup>nd</sup> Sem	M.Sc.H.Sc. HDFR 4th Sem	M.Sc. Home Science HDFR 4th Sem	M.Sc. H.Sc. HDFR 4th Sem
Sub	Introduction to Theories of Human Development-II	Marriage and Family (th + pr)	Guidance & Counselling across life span (th + pr)	Dissertation (Synopsis)	Theoretical Perspectives in Child Development- II	Law, policy and programmes for children and women	Psychological well-being across life span (practical)	Dissertation
Dec	Freud - Brief description of the psychosexual stages of development. -Contribution and limitations of the theory.	Family: Definition, types - Changing family trends. (Practical) Interview 5 couples in nuclear or joint families and report their experiences and problems faced  Organize a panel discussion on issues related to marriage by inviting suitable community members.	Meaning, aims, principles and basic assumptions of guidance. Need and importance of child and family guidance vocational and personal. (Practical) Screening college population for problems which needs counselling and conducting counselling sessions. Maintaining records in form of photographs/ video/ audio recordings and files.	Dissertation (Synopsis)	Middle Childhood -Physical development Cognitive development (Piaget's concrete operational period) -Psychosocial development in middle childhood (Erikson's theory) -Language development	The sexual harassment of women at workplace Prevention, Act 2013 Protection of Women from Domestic Violence Act, 2005 National Commission for Women Act, 1990 The Indecent Representation of Women (Prohibition)	-Enhancing creativity amongst preschoolers -Life skills strategies for adolescents	Dissertation
Jan	Erikson -Brief description of the psychosocial stages of development. -Contribution and limitations of the theory.	-Intro family life cycle -Contribution of each generation to a happy family. (Practical) Record perceptions of children from different family structures with their parents by using a self-developed tool (interview schedule/ questionnaire and / or observations).	-Guidance of children at home and school Elementary school years Middle years -Need of sex education at home and school. (Practical) Conducting parent education programs through workshop/seminar/ dramatization/ film shows etc in Chaitanya Nursery School.	Dissertation (Synopsis)	Adolescence -Physical development -Cognitive development (Piaget's formal operational period) -Psychosocial development during adolescence (Erikson's theory)	Act, 1986 Dowry Prohibition Act, 1961 Five Year plan pertaining to Women and Children National Policy for Women	-Dealing with peer pressure -Enhancing resiliency among the elderly -Enhancing well-being among the elderly	Dissertation
Feb	- Comparison of Freud's and Erikson's stages of development. -Kohlberg's theory of moral development.	-Marriage: Definition, types -Nurturing married relationship – do's /don'ts (Practical) Conduct an interview of 5 male and 5 female young adults related to qualities expected of a marriage partner. Develop a module for pre-marital counselling based on the feedback.	Nature of psychological disorders that require counselling and therapy in the following -Childhood -Adolescence -Adulthood-Old age (Practical) Conducting a case study on an individual experiencing one of the following: -Children experiencing deprivation -Child bullying-Drug abuse Any other trauma.	Dissertation (Synopsis)	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)	The Juvenile Justice (Care and Protection of Children) Act, 2015 The Prohibition of Child Marriage Act 2006 The Commissions for Protection of Child Rights Act, 2005 (Amendment 2006) The Protection of Children from Sexual Offences Act, 2012 The Immoral Traffic Prevention Act 1956 (Amendment 2006)	- Dealing with job stress -Dealing with mid-life crisis -Dealing with anger	Dissertation
Mar	- Nature vs Nurture- Stance of various theories. -Continuity vs. discontinuity – Stance of various theories.	-Dysfunctional marriage ,Causes and Consequences -Impact of dysfunctional marriage on children. (Practical) -Collect and present stories/articles/reports/you tube clippings related to marital discord in the class and discuss various strategies to help the couples in such situations. -Administer any test of marital adjustment and interpret	Meaning, aims, principles, stages and basic assumptions of counselling. Qualities and skills of a counsellor. Techniques of counselling – directive, non directive, eclectic. (Practical)	Dissertation (Synopsis)	- Emerging trends and issues Comparing theories of human development in the context of - Counselling (consistency, accuracy, relevance, simplicity).	National Guidelines on Infant and Young Child Feeding Integrated Child Development Scheme (ICDS) National Crèche Scheme Poshan Abhiyaan National Policy for Children	-Promoting self-esteem amongst middle school children -Building upon effective study strategies for middle school children	Dissertation
Apr	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Dissertation



GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2021-22 Name of the teacher:- Dr. Uttara Singh Department:- Foods and Nutrition Semester:- 1,3 & 5 (Sep 21 - Feb 21)

CLASSES	B.SC. Home Science V semester Dietetics and Composite	M.SC. Foods and Nutrition I semester	B.SC. Home Science V semester Dietetics	PG Diploma Nutrition and Dietetics	B.SC. Home Science V semester Dietetics	M.SC. Foods and Nutrition III semester
Subjects	Nutritional Management in Health and Disease-I	Human Nutrition	Community Nutrition and Public Health-I	Public Health Nutrition-I	Institutional Food Service and Quality Management-I	Dissertation
September	.Role of doctor, dietitians, and paramedical Etiology, dietary and lifestyle management of gastric, flatulence	. Energy needs – Assessment and requirements . Metabolic regulation of food intake- weight management through life Clinical and biochemical manifestation of over and under nutrition Disorders of metabolism metabolic syndrome/syndrome X and increased cardio metabolic risk.	. Nutritional status, surveillance. . group method nutritional education.	. community concept- types and factors affecting . aim and scope and content of public health	. Types of institutional food service operations Commercial Non commercial  Organization : Theories of organization Different types of organization	Questionnaire preparation and finalisation Data collection/ experimental work
October	UC, and hemorrhoids, Diarrhea, constipation . energy modifications overweight, underweight	Protein turnover, Methods of measuring protein turnover, "N" balance, obligatory loss . Functions and human requirements of essential fatty acids	. anemia NNAPP  . Vitamin D deficiency . Measures and prevents	. role in national development. . nutrition and infection.	Management: Definition and functions Tools of management	Questionnaire preparation and finalisation Data collection/ experimental work
November	IBS, fever- acute , chronic steatorrhea	Dietary carbohydrates – functions of starch, resistant starch, dietary fiber and sugar	. zinc deficiency . PEM .	. nutrition surveillance and education, group, media techniques.	Organization chart, job analysis	Data collection/ experimental work
December	Hyperacidity Doubt session, revision	Antioxidants in health and disease Effects of oxidants on macromolecules	Iodine deficiency	Food security and National and international agencies engaged in food.	Factors affecting choice equipment. . Equipment : Types of equipment	Data entry and analysis
January		Nutrient anti-oxidants with potent health effects Non-nutritive food	.nutrition education	epidemiological Trait and factors of malnutrition.	. Physical plant . job specification, job evaluation	
February	Revision, tutorial	discussion, revision	Discussions, doubt sessions	Doubt sessions, tutorial	Revision doubt sessions	Write up - Introduction Methodology Review of literature

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GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2021-22 Name of the teacher:- Dr. Uttara Singh Department:- Foods and Nutrition Semester:- 2,4 & 6 (March 22 - June 22)

CLASSES	B.SC. Home science VI semester Dietetics and Composite	M.SC. Foods and Nutrition II semester	PG Diploma Nutrition and Dietetics	M.SC. Foods and Nutrition II semester	M.SC. Foods and Nutrition IV semester	B.SC. Home Science IV semester Dietetics
Subjects	NUTRITIONAL MANAGEMENT IN HEALTH AND DISEASE II	ADVANCES IN NUTRITION	DIET THERAPY	DISSERTATION	DISSERTATION	COMMUNITY NUTRITION AND PUBLIC HEALTH II
March	Etiology, dietary and lifestyle management of liver diseases: <ul style="list-style-type: none"> <li>. Fatty liver</li> <li>. Infective liver</li> <li>. Basic concept of diagnostic tests for diabetes.</li> </ul>	Nutrition Transition – Indian scenario <ul style="list-style-type: none"> <li>. Advances in food agriculture and technology</li> <li>. Changing trends in life style patterns in different population groups.</li> <li>. Pharmacokinetics</li> <li>. Pharmacodynamics</li> </ul>	. Gastro Oesophageal Reflux Disorder (GERD) <ul style="list-style-type: none"> <li>. Peptic ulcer-gastric and duodenal</li> <li>. Diverticulitis</li> <li>. Burns</li> <li>. Surgery</li> <li>. Renal Calculi</li> <li>. Dialysis</li> <li>. Gout</li> </ul>	Allotment of students to guides	Submission of finalised introduction, review of literature, methodology	. Assessment of Nutritional Status: <ul style="list-style-type: none"> <li>. Anthropometry-Advantages and limitations.</li> <li>. Methods to improve nutritional quality:</li> </ul>
April	. atherosclerosis <ul style="list-style-type: none"> <li>. hypertension</li> </ul> <ul style="list-style-type: none"> <li>. Cirrhosis</li> <li>. Liver</li> </ul>	Pharmacogenomics <ul style="list-style-type: none"> <li>. Effects of food on drug therapy :</li> <li>. Enteral nutrition interactions with medication</li> <li>. Drug distribution</li> <li>. Drug absorption</li> <li>. Drug metabolism and drug excretion.</li> <li>. Nutraceuticals</li> <li>. Nutrigenomics</li> <li>. Nutrigenetics</li> <li>. Latest trends in nutritional labelling</li> <li>. Additives</li> </ul>	Ulcerative colitis <ul style="list-style-type: none"> <li>. Constipation</li> <li>. Diarrhoea</li> <li>. Fatty Liver</li> <li>. Hepatitis</li> <li>. 37</li> <li>. Cirrhosis</li> <li>. Pancreatitis</li> <li>. Diabetes mellitus</li> <li>. Etiology, symptoms and dietary management for: CVD , Crohn's Disease</li> <li>. Glomerular nephritis - acute and chronic</li> <li>. Nephrotic</li> </ul>	Research Topic discussion and deciding of topics	Data analysis and results <ul style="list-style-type: none"> <li>. Write up and discussion with guide</li> <li>. Review of finalised thesis and modification</li> </ul> <ul style="list-style-type: none"> <li>. Modifications and addition of recommendations</li> </ul>	. WHO Standards <ul style="list-style-type: none"> <li>. IAP Standards and Classification</li> <li>. Clinical assessment-Advantages and limitation.</li> <li>. Sources of secondary data related to community health</li> </ul>
May	Glomerulonephritis <ul style="list-style-type: none"> <li>. Glycemic index and load</li> <li>. Role of fiber in health and diseases</li> <li>. natural foods</li> </ul>	FSSAI <ul style="list-style-type: none"> <li>. HACCP</li> <li>. TQM</li> <li>. GMP</li> <li>. Allergen Information</li> </ul>	Ischemic Heart Disease (IHD) <ul style="list-style-type: none"> <li>. Hypertension</li> <li>. Cancer</li> <li>. Role of antioxidants in cancer</li> </ul>	Topic shortlisted <ul style="list-style-type: none"> <li>. Topic finalisation</li> <li>. Questionnaire preparation</li> </ul>	Conclusion and summary <ul style="list-style-type: none"> <li>. write up and modifications and finalisation of dissertation</li> </ul>	. Biochemical tests and their interpretation-Advantages and limitations.
June	Revision, practice test	Doubt sessions	Tutorial, doubt sessions			revision

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Name of the teacher: - Mrs. Mona Soin

Semester: - I &amp; III (August 2021 to February 2022)

CLASS	B.Sc.[H.Sc.] Semester III		B.Sc. [H.Sc.] Semester III	B.Sc. [H.Sc.] Semester I
Subjects	Applied Physics I		Physical Education	Physical Education
	Theory	Practical	Theory and Practical	Theory and Practical
August 2021	Unit-I-Matter, States of Matter – Solid, Liquid, Gas, Plasma (Definition and Characteristics), Atoms, Elements, Molecules, Intermolecular 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	Unit I-Physical Education: Definition, its aims and objectives and Importance of Physical Education	Unit I - Athletics: Brief knowledge of track and field events. Layout of Track
September 2021	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	2]Measurement of room temperature and high temperatures of a liquid in °C and to convert the temperature to °F 3]Measurement of temperature of human body in °F and to convert the temperature to °C	Athletics: Brief knowledge of track and field events, Marking of Athletic Track	Short Distance Races (including relay race) [a] Technique for start, finishing and during running in a race. [b] General fouls in track events.
October 2021	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	4]To verify the first law of transverse vibrations in a stretched string using sonometer	Unit II - Field Events: Jump-Long Jump [a] Dimensions [b] Techniques [c] Fouls Races - 100mt., 200 mt., 400mt., 400mt. relay race	Unit II - Field Events: Throw: Shot put [a] Dimension of the circle and specification of equipment used [b] Techniques of putting a shot [c] Fouls of throwing events.
November 2021 [Mid Term Exams Nov. 08-15,2021]	Unit III- 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	Unit III - Anyone game from the following games: [a] Badminton [b] Kho- Kho [c] Volleyball [d] Yoga - Various Yoga Asanas	Unit III - Anyone game from the following games: [a] Badminton [b] Kho- Kho [c] Volleyball [d] Yoga – Various Yoga Asanas
December 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	Unit IV - Brief knowledge of Common Wealth Games and current national records in Athletics , Knowledge of prominent players of the games in syllabus Games, Athletics, Aerobics, Yoga	Unit IV - [a] Brief knowledge of Asian Games and current national records in Athletics [b] Knowledge of prominent players of the games in syllabus Games, Athletics, Aerobics, Yoga
January 2022	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	Revision Games,Athletics, Aerobics, Yoga	Revision Games, Athletics, Yoga

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GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2021-2022

Departments: - Physics and Physical Education

Name of the teacher: - Mrs. Mona Soin  
Semester: - II & IV (March 2022 to June 2022)

CLASS	B.Sc.[H.Sc.] Semester III		B.Sc. [H.Sc.] Semester III	B.Sc. [H.Sc.] Semester I
Subjects	Applied Physics I		Physical Education	Physical Education
	Theory	Practical	Theory and Practical	Theory and Practical
March 2022	<p>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</p> <p>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,</p>	<p>1)Measurement of area, volume and total surface area of a glass slab using Vernier Callipers.</p> <p>2)Measurement of Internal diameter, depth and volume of a beaker using Vernier callipers .</p>	<p>Unit I - Athletic meet – Meaning, Need and Importance , How to organize athletic meet at College level, First Aid-meaning and its practical Application in day to day life and sports injuries</p>	<p>Unit I - Athletics: Brief knowledge of track and field events, Layout and marking of Track, Middle Distance Races [a]Technique for start, finishing and during running in a race [b] General fouls in track events. Unit II - Field Events: Throw: Discus Throw [a] Dimension of the circle and specification of equipment used [b]Techniques of putting a shot [c]Fouls of throwing events.</p>
April 2022	<p>Unit II-MASERS-Introduction, Production of Masers, Applications of Masers</p> <p>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 .Einstein's Mass-Energy relationship, Nuclear forces, Characteristics of Nuclear forces, Elementary idea about Radio Activity – Natural &amp; 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</p>	<p>3)Measurement of diameter of a metal wire using a screw gauge and find its volume.</p> <p>4)Measurement of length and diameter of a rice grain using screw gauge.</p> <p>5] To find resistance and power of a glowing bulb and to calculate energy consumed by it in given hours.</p>	<p>Unit II - Field Events : Jump- High Jump [a] Dimensions and specification of equipment used [b] Techniques [c] Fouls</p> <p>Unit III - Any two Asana out of the Following: [a] Dhanurasana [b] Chakrasana [c] Vajrasana [d] Matasayasana</p>	<p>Unit III - Anyone game from the following games: [a] Badminton [b] Kho- Kho [c] Volleyball [d] Yoga - Various Yoga Asanas</p>
May 2022 [Mid Term Exams May 02-09,2022]	<p>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.</p> <p>Revision</p>	<p>6]To verify Ohm's law.</p> <p>7]To study a circuit breaker.</p> <p>Revision</p>	<p>Unit IV - [a] Brief knowledge of Paralympics [b] Knowledge of prominent players of Paralympics games [c] Brief knowledge of Awards and Honors in Various Games</p> <p>Games, Athletics, Yoga</p> <p>Revision</p>	<p>Unit IV - [a] Brief knowledge of Olympic Games [b] Olympic records and World records in Athletic events [c] Knowledge of prominent players of the games in syllabus [d] Brief knowledge of Awards and Honors in Various Games.</p> <p>Games, Athletics, Yoga</p> <p>Revision</p>

*Mona Soin*

Session:- 2021-2022

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

CLASSES	Bsc. (Hsc.) III Sem	Bsc. (Hsc.) I Sem
Subjects	ART IN EVERY DAY LIFE	INTERIOR DESIGN AND RESOURCE MANAGEMENT.
Month 1 JULY-2021	<ul style="list-style-type: none"> <li>What is Art and its importance in our day to day life.</li> <li>Utility and functions of art.</li> </ul>	<ul style="list-style-type: none"> <li>What is Rangoli and its types, scope and its importance in every Indian household.</li> </ul>
Month 2 AUGUST-2021	<ul style="list-style-type: none"> <li>Elements of art - line, shape, texture, value etc.</li> </ul>	<ul style="list-style-type: none"> <li>Making of Alpana.</li> <li>Cleaning - importance and its purpose.</li> </ul>
Month 3 SEPTEMBER 2021	<ul style="list-style-type: none"> <li>Principles of art - Balance, proportion, Rhythm, Contrast.</li> <li>Optical Illusion.</li> </ul>	<ul style="list-style-type: none"> <li>Cleaning of window panes, Silver, Brass and Glass etc.</li> </ul>
Month 4 OCTOBER-2021	<ul style="list-style-type: none"> <li>Warm/cool colours, hues, Properties of colour.</li> </ul>	<ul style="list-style-type: none"> <li>Making of a Scrap Book on different topics of Rangoli, Alpana and cleaning topics.</li> </ul>
Month 5 NOVEMBER 2021	<ul style="list-style-type: none"> <li>Impact of Colours, Tints, Tones and shades.</li> <li>Design and its types.</li> </ul>	

*Seema Jaitley*

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2021-2022

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

CLASSES	BSc. (HSc.) IV Sem.	BSc. (HSc.) II Sem.
Subjects	ART IN EVERYDAY LIFE.	INTERIOR DESIGN AND RESOURCE MANAGEMENT.
Month 1 JANUARY 2022	<ul style="list-style-type: none"> <li>• Aesthetics, its scope and importance in Art.</li> </ul>	<ul style="list-style-type: none"> <li>• Identification of Goals.</li> <li>• Classification of Goals.</li> </ul>
Month 2 FEBRUARY 2022	<ul style="list-style-type: none"> <li>• Shadanganas of Indian Art - Posters to be made on various topics like - Swachhtha, Vigilance, Aids, Girlchild, Road Safety etc.</li> </ul>	<ul style="list-style-type: none"> <li>• Planning of different Resources, Planning of Invitation and Planning of Decoration.</li> </ul>
Month 3 MARCH-2022	<ul style="list-style-type: none"> <li>• Relation of Art with Religion, Beauty, Intuition and Society.</li> </ul>	<ul style="list-style-type: none"> <li>• Budget planning for a home and family.</li> </ul>
Month 4 APRIL-2022	<ul style="list-style-type: none"> <li>• Use of Interior accessories.</li> <li>• How to create accessories for interiors. Their importance.</li> </ul>	<ul style="list-style-type: none"> <li>• Organising events on various themes in the College campus only.</li> </ul>
Month 5 MAY 2022	<ul style="list-style-type: none"> <li>• Making of Book covers and sheets of designs.</li> </ul>	<ul style="list-style-type: none"> <li>• Event evaluation and making of all reports.</li> </ul>

Seemajainly

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2021-22 Name of the teacher: - Mrs. Annu Deharwal Department: - Clothing & Textiles

Semester: - Odd semester (September 2021- February 2022)

CLASS	B.Sc (Fashion Designing) 5 <sup>rd</sup> sem	B.Sc (Fashion Designing) 5 <sup>rd</sup> sem	B.Sc (Fashion Designing) 5 <sup>th</sup> sem	Post Graduate Diploma (FD) 1 <sup>st</sup> Sem	M.Sc (CT) 2 <sup>nd</sup> sem
Subjects	History Of World Costumes (Th)	Textile dyeing (Pr) (Group-A & B)	Textile dyeing (Pr)	Fashion Illustration (Pr)	Product Development (Pr)
September ,2021	<ul style="list-style-type: none"> <li>Study of world costumes.</li> <li>costumes Egypt</li> <li>costumes Greek</li> </ul>	Dyeing of Cotton with Direct dyes and Reactive dyes	<ul style="list-style-type: none"> <li>Introduction to Dyes</li> <li>Difference between Dyes and Pigments</li> <li>Classification of Dyes - Natural Dyes and Synthetic Dyes</li> </ul>	<ul style="list-style-type: none"> <li>Drawing of Basic Block and Fleshed Figures – Eight, Ten and twelve headed figure.</li> <li>Structure of hands, legs, feet and arms.</li> <li>Facial proportions</li> <li>Drawing of hair styles</li> </ul>	<ul style="list-style-type: none"> <li>Design Development and Theme selection.</li> <li>Design process- inspiration, mood board, and story board.</li> </ul>
October 2021	<ul style="list-style-type: none"> <li>costumes of Rome</li> <li>Costumes of Byzantine.</li> <li>Costumes of French.</li> <li>Costumes of Middle ages and Renaissance Period</li> </ul>	Dyeing of Silk and Wool with Acid and Basic Resist Dyeing of Fabric Tie and dye Batik	<ul style="list-style-type: none"> <li>Preparation of fabric before dyeing.</li> <li>Stages of Dyeing -Solution, Fiber, Yarn, Piece or Fabric and Product Dyeing</li> </ul>	<ul style="list-style-type: none"> <li>Rendering Of Fabrics , Denim, Net , Chiffon, Velvet,Chiken,Satin, corduroy,Fur,Hoisery</li> <li>Prints – Checks and Stripes.</li> </ul>	<ul style="list-style-type: none"> <li>Selection of product range, color, motifs and techniques.</li> </ul>
November 2021 (Mid- Term Exam 09/11/2021- 15/11/2021	Revision of syllabus	Resist Dyeing of Fabric Tie and dye Batik	Revision of syllabus <ul style="list-style-type: none"> <li>Methods of Dyeing- Batch Dyeing and Combination Dyeing.</li> <li>Dyeing Auxilaries.</li> </ul>	Illustration of Jewellery, footwears,handbags, belt and headgear	<ul style="list-style-type: none"> <li>Designing of product range.</li> </ul>
December 2021	<ul style="list-style-type: none"> <li>Costumes of French revolution.</li> <li>costumes of Romantic period</li> </ul>	To Test the Colour Fastness of the fabric: Fastness to Washing, Ironing Perspiration Crocking and Sunlight	<ul style="list-style-type: none"> <li>Colour Fastness Fastness to Washing, Ironing, Perspiration, Crocking and Sunlight</li> <li>Dyeing Defects -Bleeding, Crocking, Migration, Fume Fading, Tendering, Frosting and Off Shade.</li> </ul>	<ul style="list-style-type: none"> <li>Draping of garments on fashion figure and colouring of illustration using various mediums.</li> <li>Casual wear, sportswear, beach wear and formal wear</li> </ul>	<ul style="list-style-type: none"> <li>Presentations and exhibition.</li> </ul>

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GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2021-22 Name of the teacher: - Mrs. Annu Deharwal Department: - Clothing & Textiles

Semester: - Even semester (March 2022- June 2022)

CLASS	B.Sc (Fashion Designing) 6 <sup>th</sup> sem				
Subjects	Textile Printing And Finishing (Th)	B.Sc (Fashion Designing) 6 <sup>th</sup> sem Textile Printing And Finishing (Pr) (Group-A & B)	Post Graduate Diploma (FD)2 <sup>nd</sup> Sem CAD-II	Post Graduate Diploma (FD)2 <sup>nd</sup> Sem Historic Costumes	M.Sc (CT) 2 <sup>nd</sup> sem Quality Control In Apparel And Textiles (Th)
March, 2022	<ul style="list-style-type: none"> <li>Introduction to finishes and its importance.</li> <li>Printing Auxiliaries</li> <li>Pretreatment of printing Degumming Bleaching Scouring</li> <li>Types of printing Roller Rotary Transfer</li> <li>Methods of printing Blocks, Roller, screen and Stencil</li> </ul>	samples and article of Block Printing Single, Double & Multi Coloured printing	Develop Child bodice-block and Sleeve block patterns on Tuka Cad	Historic costumes of - Vedic Period, Mughal Period and British Period	Introduction to Quality Control- <ul style="list-style-type: none"> <li>Definition and importance of quality assurance</li> <li>Concept of Total Quality Management (TQM)</li> <li>Tools of Quality Control</li> </ul> Legislation in Textiles/Acts:
April, 2022	<ul style="list-style-type: none"> <li>Post treatment- Heat setting, Steaming, Washing.</li> <li>Classification of finishes</li> <li>Basic preparation of fabrics- Singeing, Desizing, Scouring and Bleaching.</li> </ul>	Making of samples and article of Stencil Printing - Positive and Negative stencils	Develop Basic Skirt Basic Trouser block patterns on Tuka Cad	Historic costumes of Egypt Period Greek Period Roman Period	<ul style="list-style-type: none"> <li>Standardization in textiles: concept, benefits and levels of standards.</li> <li>Stages of quality control.</li> <li>Garment finishing and Inspection.</li> </ul>
May, 2022 (Mid- Term Exam 02/05/2022- 09/05/2022)	Revision of Syllabus <ul style="list-style-type: none"> <li>Mechanical Finishes- Beetling, Brushing and Shearing, Weighting, Sanforising, Tentering, Calendaring, Simple, Friction, Moireing, Embossing, Schreinerling), Napping, Sizing and Glazing</li> </ul>	Flat and Photographic Screen Printing and article.	<ul style="list-style-type: none"> <li>Revision and Practice</li> </ul>	costumes of Byzantine, French Costumes and Middle Ages	<ul style="list-style-type: none"> <li>Role of standard institutions and organizations in Quality control -ASTM, AATCC, ANSI, BSI, BIS, ISO</li> <li>Research Associations and their role SITRA, BTRA, NITRA, ATIRA, MANTRA, IJRA, SASMIRA, WIRA</li> </ul>
June 2022	<ul style="list-style-type: none"> <li>Chemical Finishes- Mercerizing, Crease Resistant, Fire-proof &amp; Fire Retardant, Waterproof &amp; Water Repellant, Anti-static, Wrinkle Resistant.</li> </ul>	Samples and article of Hand painting techniques.	<ul style="list-style-type: none"> <li>Grading up to four sizes</li> <li>Making summary report and pattern card.</li> </ul>	Costumes Renaissance Period, French Revolution and Romantic Period	<ul style="list-style-type: none"> <li>Parameters for apparel quality testing and control</li> <li>Identification of fabric defects.</li> <li>Packaging and Labelling</li> </ul>

8  
Annu



GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Name of the teacher- Anila

SESSION :- 2021-22  
Department- Clothing and Textiles  
Semester-Odd

Classes	B.Sc.(Fashion Designing)5 <sup>th</sup> Sem	M.Sc. (Clothing& Textiles) 3 <sup>rd</sup> Sem	B.Sc.(Fashion Designing)5 <sup>th</sup> Sem
<b>Subjects</b>	Garment construction-V Practical (A&B)	Historic Costumes Theory	Line development-I
<b>September, 2021</b>	Introductory class  -Checking of test fit garment from previous class pattern making	Introductory class  Study of the costumes worn during following periods- -Egypt	Introductory class -Source of inspiration
<b>October, 2021</b>	Construction of blouse from test fit -Drafting and construction of petticoat	Study of the costumes worn during following periods- -Greece -Rome -Byzantine	-Making sheets on source of inspiration -Study of fashion forecast
<b>November ,2021 (Mid term exam)</b>	Checking and submission of petticoat -Drafting and construction of Nighty	Study of the costumes worn during following periods- -French Revolution -Romantic period	Conceptualization of theme, mood board, designing and illustration  File submission
<b>December,2021</b>	Checking of nighty  File submission and checking	Revision of syllabus -Victorian period	Style reading, fabric sourcing, pattern development, spec sheet and construction
<b>January,2022</b>	-Drafting of Salwar and kameez -Cutting of salwar and kameez	- Introduction and need of costumes and textiles conservation -Materials used in conservation of costumes and textiles	Presentation of the themes and sourcing Portfolio development Introduction of portfolio development
<b>Feburary,2022</b>	Construction of salwar and kameez Final file submission	-Mending techniques -Display and storage Revision of whole syllabus	Purpose of a portfolio Module design Doubt clearing sessions and final portfolio submission

Anila

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Name of the teacher- Anila

SESSION :- 2021-22  
Department- Clothing and Textiles  
Semester-Even

Classes	B.Sc.(Fashion Designing)6 <sup>th</sup> Sem	B.Sc.(Fashion Designing)6 <sup>th</sup> Sem	B.Sc.(Fashion Designing) 2 <sup>nd</sup> Sem	M.Sc. (Clothing& Textiles) 4 <sup>th</sup> Sem	M.Sc. (Clothing& Textiles) 4 <sup>th</sup> Sem	B.Sc.(Fashion Designing) 4 <sup>th</sup> Sem
Subjects	Garment construction-VI Practical (A&B)	Line development-II	Basic of Design Practical (A&B)	Fashion Retailing and Merchandising Theory	Fashion Retailing and Merchandising Practical	Fabric construction(A&B)
March,2022	Introductory class -Drafting and adaptation of top with princess seam line	Revision of selected themes Portfolio development -Selection of information for documentation	Introductory class Designing of following motifs and its types in different colorways  Geometrical Realistic	Introductory class UNIT-I Meaning of the following terms-Merchandise, Merchandising, Globalization, Marketing Mix, Market Research, Colour Palette etc...	Introductory class Survey of sales promotion techniques followed by any two leading stores	Introductory class -Making of samples of different knots using Macrame
April,2022	-Construction of top with princess seam line -Drafting of circular skirt	-Categorization of documentation -Portfolio making by using appropriate techniques	Designing of following motifs and its types in different colorways -Natural -Stylized -Abstract  Different placements of motifs -Vertical	UNIT-II Fashion retail organizations and its division Importance of Fashion Retailing Components of fashion retailing Trends in retailing	A case study of any fashion retail store and report writing of the same	Making samples of Crochet
May,2022 Mid term exam	File checking Construction of circular skirt	Development of portfolio  Making dresses ready for fashion show	Different placements of motifs -Horizontal -Half drop -All over -Diagonal File checking	UNIT-III Fashion Marketing- Meaning, size and structure Revision of syllabus -The fashion marketing process -Role of fashion marketing managers	File checking	Making samples of narrow fabrics by braiding and traditional weaving(Naala Weaving)
June,2022	- Designing of one-piece dress -Drafting and adaptation of the same	Presentation of the portfolio	Collection of swatches for the following fabrics- -Nursery Prints -Dots, Stripes, checks and plaids -Digital prints -Abstract prints -Paisely and floral motifs	-Consumer behavior and decision making -Marketing strategies -External and internal factors influencing price decisions UNIT-IV -Fashion merchandising process	Thematic window display on the selected topic and evaluation	Selection of technique for final project work and selection of design
July,2022	Construction of the same -File checking	Final showcasing of dresses	Revision of whole syllabus And complete file checking	Role and responsibilities of fashion buyers -Types of sales promotion -Visual merchandising Revision of all syllabus	Thematic window display on the selected topic and evaluation  File checking	Final submission of file and project.

Anila

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

SESSION 2021-22

Name of the teacher: Dr. Namrata Sethi Department: Foods and Nutrition Semester: Term 1 (Sept-Feb 21)

CLASS	B.sc Home Science- 1 <sup>st</sup> Sem	B.Sc Home Science- 3 <sup>rd</sup> sem	B.Sc Home Science- 5 <sup>th</sup> sem (dietetics)	M.Sc Foods and Nutrition- 3 <sup>rd</sup> SEM	
				Clinical and Therapeutic Nutrition-2	Dissertation
Month 1 NQ	Unit 1- 1. Introduction to foods and nutrition 2. Classification of food based on its functions	Unit 1- 1. Concept of nutrition transition 2. RDA- concept of minimum nutrients requirements and RDA Unit 2- 3. Classification, digestion, absorption, RDA, deficiency and excess of Carbohydrates- Mono, Di and Polysaccharides	Unit 1 1. Introduction to food science: Definition, importance and applications, Basic terminology used in food science 2. Basic Concept of: Organic foods, Genetically Modified foods	Unit 1 1. Nutritional support- Principles and Importance 2. Types of feeding: Tube feeding, Intravenous feeding 3. Recent advances in techniques and feeding substrates Unit 2 4. Aetiopathogenesis, clinical picture, diagnostic tests, treatment, preventive aspects, lifestyle and dietary management: Cardio Vascular Disease and Atherosclerosis, ischemic heart disease	Synopsis, Questionnaire and other preparations
Month 2 SEPT.	Unit 2- 3. Macronutrients (Carbs, Fats and Proteins), Micronutrients (Minerals- Calcium, Iron, Iodine; Vitamins- A, D, E, K, thiamine, riboflavin, niacin, pyridoxine, cyanocobalamin, b12, ascorbic acid) 4. Functions and sources of water and fibre	Unit 2 4. Classification, digestion, absorption, RDA, deficiency and excess of Proteins- complete, partially complete and incomplete; Concept of essential and non-essential amino acids	Unit 2 3. Food acceptability: Factors affecting food acceptability, Subjective and objective methods of evaluation, Tests for sensory evaluation 4. Food packaging: Basic types of packaging, Importance of nutritional labeling	Unit 2 4. Hyperlipidemia, hypertension 5. Concept of: Nutritional significance of fatty acids – SFA, MUFA, PFA -Role of n-3 and n-6 fatty acids; Trans fatty acids - Role and mechanism of action of Dietary Fibre in CVD -Electrolyte imbalance w.r.t Sodium, Potassium	Data collection/experimental work
Month 3 OCT.	Unit 3- 5. Objectives of cooking food 6. Methods of cooking- dry and moist heat, cooking with oil, solar and microwave cooking	Unit 3 5. Classification, digestion, absorption, RDA, deficiency and excess of: Fats- saturated and unsaturated 6. RDA, deficiency and excess of: fat soluble vitamins- A, D, E, K	Unit 3 5. Role of colloidal chemistry in cookery: Definition of colloidal systems, Hydrophilic and Hydrophobic colloids 6. Role of colloidal chemistry in cookery: Gel -	Unit 3 6. Aetiopathogenesis, clinical picture, diagnostic tests, treatment, preventive aspects, lifestyle and dietary management: Gout, Arthritis, Osteoporosis	Data collection/experimental work, Data entry and analysis

	7. Effect of cooking on nutrients		Formation and uses in cookery, Emulsions- types of Emulsion and uses in cookery, Foams- Formation and factors affecting foam formation and uses in cookery	7. Etiology, clinical features and dietary management: Burns, Surgery, Stress and trauma Unit 4 8. Classification, etiology, clinical features, diagnostic tests, prevention and treatment, lifestyle and dietary management: Diabetes Mellitus	
Month 4 NOV	Unit 4 8. Meal planning- fundamentals and factors affecting 9. Food safety- food adulteration and intro to food safety laws (PFA, BIS, HACCP, ISO, ISI, FPO, FSSA)	Unit 4 7. RDA, deficiency and excess of water-soluble vitamins: thiamin, riboflavin, niacin, pyridoxine and C 8. RDA, deficiency and excess of minerals: Calcium, iron and iodine	Unit 4 7. Food adulteration: Basic concept of adulteration, Types of adulterants, Common methods for detecting adulterants 8. Food quality assurance: Concept of national and international food laws – FSSAI, Codex and ISO Concept of quality assurance practices– TQM, GRAS, HACCP	Unit 4 9. Concept of: Glycemic Index, Glycemic Load, Nutritional significance of Dietary Fiber – Types, sources, role and mechanism of action 10. Nutritional management during special conditions: Space travel, High altitudes, Inborn errors of metabolism – Phenylketonuria, Galactosemia	Write up- Introduction, methodology, Review of literature
Month 5 DEC	Assignments, revisions, doubt clearance sessions, revision tests	Assignments, revisions, doubt clearance sessions, revision tests	Assignments, revisions, doubt clearance sessions, revision tests	Assignments, revisions, doubt clearance sessions, revision tests	Final draft of introduction, review of literature and methodology

CLASS	B.Sc Home science- sem 2 <sup>nd</sup>	B.Sc Home Science- sem 4 <sup>th</sup>	B.Sc Home science dietetics- sem 6 <sup>th</sup>	M.Sc Food and nutrition- sem 2 <sup>nd</sup>		M.Sc Food and nutrition- sem 4 <sup>th</sup>
SUBJECTS	Introduction to foods and nutrition-2	Applied nutrition-2	Fundamentals of food science- 2	Clinical and therapeutic nutrition-1	Dissertation	Dissertation
Month 1 MARCH	Unit 1 1. Study of the food groups with respect to their classification, basic composition and nutritive content: Cereals, Pulses and legumes, Fruits and vegetables, Fats and oils, Sugar and jaggery	Unit 1 1. Concept and components of body composition. 2. Water- functions, requirements and deficiency. 3. General methods of assessment of recommended dietary allowances.	Unit 1 1. Structure, composition, classification, selection, storage, anti-nutritional factors and uses in cookery: Cereals and cereal products AND 2. Pulses and legumes	Unit 1 1. Diet prescription and nutritional care process 2. Nutrition in hospitalized patients and causes of malnutrition 3. Diet counseling- definition, process, components and formulation of a diet proforma	Allotment of students to guides	Submission of finalised introduction, review of literature, methodology
Month 2 APRIL	Unit 1 2. Beverages- tea, coffee, cocoa Unit 2 3. Milk and milk products; Eggs, meat, fish and poultry; Nuts and oil seeds 4. Introduction and general guidelines for safe food storage, Dry food storage, Refrigerated store, Freezer storage	Unit 2 4. Concept of energy balance: Positive, Negative, Homeostasis; Physiological fuel value (carbohydrates, protein, fat) 5. Concept of BMR, SDA/TEF: Factors affecting BMR and energy expenditure	Unit 2 3. Structure, composition, classification, selection, storage, anti-nutritional factors and uses in cookery: Egg and poultry; AND 4. Meat and fish	Unit 2 4. Aetiopathogenesis, clinical picture, diagnostic tests, treatment, preventive aspects: Peptic ulcer Ulcerative colitis AND 5. Diarrhea, Malabsorption syndrome, IBS	Research Topic discussion and deciding of topics	Data analysis and results Write up and discussion with guide  Review of finalized thesis and modification
Month 3 MAY	Unit 3 5. Balanced Diet: Definition and concept; Factors affecting balanced diet 6. RDA – definition; Reference man and woman; Food pyramid	Unit 3 6. Physiological characteristics, nutritional requirements and nutritional care in the following: Infancy, Childhood; 7. Adolescence, adulthood	Unit 3 5. Structure, composition, classification, selection, storage, anti-nutritional factors and uses in cookery: Milk and milk products Nuts and oil seeds AND 6. Fruits and vegetables Beverages- tea, coffee	Unit 3 6. Classification, etiology, clinical features, diagnostic tests, prevention and Treatment: Viral hepatitis types A and B, Cirrhosis of liver, Hepatic coma AND 7. Glomerulonephritis, Nephrotic syndrome, Acute and chronic renal failure – Dialysis	Topic shortlisted	Modifications and addition of recommendations

Month 4 JUNE	7. Food Preservation- Definition and importance; Food spoilage causes and factors affecting it; Principles of food preservation unit 8. Methods of preservation – household and commercial	Unit 4 8. Pregnancy and Lactation; Old age 9. Principles of diet therapy, Modification of normal diet, Nutritive modifications of diet, Basic concept of enteral and parenteral nutrition	Unit 4 7. Structure, composition, classification, selection, storage, anti-nutritional factors and uses in cookery: fats and oils; sugars; spices and herbs 8. safe food handling techniques	Unit 4 8. Nutrition care in immune deficiency diseases: HIV aids 9. Nutrition Care during Cancers	Topic finalization	Conclusion and Summary write up and modifications And finalization of dissertation
Month 5 JULY	Assignments, revisions, doubt clearance sessions, revision tests	Assignments, revisions, doubt clearance sessions, revision tests	Assignments, revisions, doubt clearance sessions, revision tests	Assignments, revisions, doubt clearance sessions, revision tests		Finalization and submission of dissertation

*Amrta*

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2021-22

Name of the teacher:- Dr. Pooja Sharma Department:- Music Semester:- I<sup>st</sup> and III<sup>rd</sup>

CLASSES	B.Sc (Home Science) I <sup>st</sup> semester	B.Sc (Home Science) III <sup>rd</sup> semester		
Subjects	Music (V)	Music (V)		
Month 1 September	Introduction of music Swar, Saptak, Akoh - Aroh	Revision of Basis of Music. Practice of Alankars.		
Month 2 October	Introduction of Raag Bilawal and Teen Tal Practice of Raag and Tal	Introduction of Raag Bhairav and Shaptak Practice of Raag and Tal		
Month 3 November	Practical and Theory Exams.			
Month 4 December	Introduction of Raag Kafi and Dadla Tal. Practice of Raag and Tal.	Introduction of Raag Bhimpaloni and Ek Taal Practice of Raag and Tal.		
Month 5 January	Topic of Life sketches Pt. Ravi Shanker Pt. Bhimsen Joshi	Topic of life sketches Pt. Shiv Kumar Sharma M.S. Subalokshmi		

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GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2021-22

Name of the teacher:- Dr. Khyatika Sharma Department:- Music Semester:- II<sup>nd</sup> and IV<sup>th</sup>

CLASSES	B.Sc (Home Science) II <sup>nd</sup> semester	B.Sc (Home Science) IV <sup>th</sup> semester		
Subjects	Music (V)	Music (V)		
Month 1 March	Introduction of Janya Rag and Rupak Tal Practice of Rag and Tal.	Introduction of Rag Bihari and Deepchandi Tal Practice of Rag and Tal		
Month 2 April	Introduction of Rag Bhopali and Kehrwa Practice of Rag and Tal	Introduction of Rag Malhar and Tilwada Tal. Practice of Rag and Tal		
Month 3 May	Practical and Theory Exams			
Month 4 June	Topic of Life sketches Lt. Hanu Prasad Khanna Lt. Farraj	Topic of Life sketches Lt. Bade Gulam Ali Lt. Zakir Hussain		
Month 5				

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GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: -2021-2022

Name of the teacher: - Dr. Shabana

Department: - Economics

Semester: - Term I

(Sep.2021-Feb.,2021)

CLASSES	B.Sc. Home Science (Semester-V)	B.Sc. Home Science (Semester-V)	M.Sc. Home Science 1 <sup>st</sup> semester	M.Sc. Home Science 1 <sup>st</sup> semester	M.Sc. Home Science 3 <sup>rd</sup> 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 Sept	Unit-I 1. Entrepreneurial economics: Need and importance 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 Oct	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 Nov	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 Dec	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 Jan	Assignments, revisions, doubt clearance sessions, revision tests		Assignments, revisions, doubt clearance sessions, revision tests		Final draft of Introduction, review of literature and methodology
Month 6 Feb	Revision	Revision	Revision	Revision	Revision

Session: - 2021-2022

Name of the teacher: - Dr. Shabana

Department: - Economics

Semester: - Term 2

(March 2022-June-2022)

CLASSES	B.Sc. Home Science (Semester VI)	B.Sc. Home Science (Semester-VI)	M.Sc. Home Science 2 <sup>nd</sup> semester (Clothing Textiles)	M.Sc. Home Science (Human Development and Family Relation) 4 <sup>th</sup> semester
Subjects	Economics and Entrepreneurship Development-II (Theory)	Economics and Entrepreneurship Development-I (Practical)	ENTREPRENEURSHIP (THEORY)	DISSERTATION
Month 1 <i>Sept</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"> <li>Submission of finalised introduction, review of literature, methodology</li> </ul>
Month 2 <i>oct</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"> <li>Data analysis and results Write up and discussion with guide Review of finalized thesis and modification</li> </ul>
Month 3 <i>Nov</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"> <li>Modifications and addition of recommendations</li> </ul>
Month 4 <i>Dec</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	<i>Revision</i>	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"> <li>Conclusion and Summary write up and modifications And finalization of dissertation</li> </ul>
Month 5 <i>Jan</i>	Assignments, revisions, doubt clearance sessions, revision tests	<i>Revision</i>	Assignments, revisions, doubt clearance sessions, revision tests	<ul style="list-style-type: none"> <li>Finalization and submission of dissertation</li> </ul>
Month 6 <i>Feb</i>	<i>Revision</i>	<i>Revision</i>	<i>Revision</i>	<i>Revision</i>

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

SESSION :- 2021-22

Department- Clothing and Textiles

Semester-Odd

Name of the teacher- Nidhi Duggal

Classes	B.Sc.(Fashion Designing)3rd Sem	B.Sc.(Fashion Designing)3rd Sem	B.Sc.(Home Science) – ATD 5 <sup>th</sup> Sem	B.Sc.(Home Science) – ATD 5 <sup>th</sup> Sem	B.Sc. (Fashion Designing) 1 <sup>st</sup> Semester
Subjects	Traditional Textiles – Theory	Traditional Textile – Practical	Textile Design – Theory	Textile Design - Practical	Garment construction-1 Practical
September, 2021	-Introductory Class - Bandhani of Gujrat & Rajasthan - Patola of Gujrat - Ikat of Orrisa	-Introductory Class -Identification of various Traditional Textiles with Motifs & Designs	<p style="text-align: center;"><b>UNIT-I</b></p> <p>Study of various elements and principles of design with special reference to Apparel and Textiles</p> <p>5. Elements of Art</p> <ul style="list-style-type: none"> <li>k) Line</li> <li>l) Form</li> <li>m) Colour &amp; its dimensions (Hue, Value, Intensity)</li> <li>n) Colour schemes</li> <li>o) Texture</li> </ul> <p>6. Principles of Design</p> <ul style="list-style-type: none"> <li>i) Harmony</li> <li>j) Proportion</li> <li>k) Balance</li> <li>l) Rhythm</li> <li>m) Emphasis</li> </ul>	5. Sketching of different types of <ul style="list-style-type: none"> <li>e) Lines</li> <li>f) Shapes</li> </ul>	-Introductory Class -Machine Basting  -Making samples of Basic hand stitches viz. *Basting (Even, uneven & Diagonal) *Back Stitch *Hemming (visible and invisible) *Tailor's stack

*Nidhi Duggal*

<p>October, 2021</p> <p>- Pochampalli of Andhra Pradesh</p> <p>- Revision</p> <p>- Printed Textiles of Rajasthan</p> <p>- Sangameri Textiles, Bagru &amp; Ajrakh</p>	<p>November, 2021</p> <p>- Painted Textiles (Kalamkari)</p> <p>- Batik</p> <p>- Kashmiri Shawls</p> <p>Revision</p>	<p>- File Checking</p> <p>- Identification of Painted Textiles, Batik, Kashmiri Shawls</p> <p>- Collection of swatches/ photographs to study the motifs, designs &amp; colors of Traditional Textiles</p>	<p>UNIT-III</p> <p>- Techniques of Printing:</p> <ul style="list-style-type: none"> <li>- Block Printing</li> <li>- Screen Printing</li> <li>- Stencil Printing</li> </ul>	<p>December, 2021</p> <p>- Brocade</p> <p>Jamdani</p> <p>- Revision of Craft Textiles</p> <p>- Review of Craft Documentation</p>
<p>October, 2021</p> <p>- Pochampalli of Andhra Pradesh</p> <p>- Revision</p> <p>- Printed Textiles of Rajasthan</p> <p>- Sangameri Textiles, Bagru &amp; Ajrakh</p>	<p>November, 2021</p> <p>- Painted Textiles (Kalamkari)</p> <p>- Batik</p> <p>- Kashmiri Shawls</p> <p>Revision</p>	<p>- File Checking</p> <p>- Identification of Painted Textiles, Batik, Kashmiri Shawls</p> <p>- Collection of swatches/ photographs to study the motifs, designs &amp; colors of Traditional Textiles</p>	<p>UNIT-II</p> <p>Preparation of fabric before Dyeing and Printing</p> <p>Dyes :</p> <p>a) Terminology : Dyes, Dyeing, Pigment, Dye-Bath, Material Liquor Ratio, Mordant, Auxiliaries and Color-fastness</p> <p>b) Classification of Dyes</p>	<p>6. Colour-</p> <p>g) Colour wheel</p> <p>h) Color Schemes</p> <p>i) Tints and Shades</p> <p>j) Grey Scale</p> <p>Making samples of following types of seams : *Plain *Run &amp; Fell *French *Lapped *Counter *Mantua maker</p> <p>Making samples of following types of seam finishes : *Overlock *Hand overcast *Turned and stitched *Binding</p>
<p>October, 2021</p> <p>- Pochampalli of Andhra Pradesh</p> <p>- Revision</p> <p>- Printed Textiles of Rajasthan</p> <p>- Sangameri Textiles, Bagru &amp; Ajrakh</p>	<p>November, 2021</p> <p>- Painted Textiles (Kalamkari)</p> <p>- Batik</p> <p>- Kashmiri Shawls</p> <p>Revision</p>	<p>- File Checking</p> <p>- Identification of Painted Textiles, Batik, Kashmiri Shawls</p> <p>- Collection of swatches/ photographs to study the motifs, designs &amp; colors of Traditional Textiles</p>	<p>UNIT-III</p> <p>- Techniques of Printing:</p> <ul style="list-style-type: none"> <li>- Block Printing</li> <li>- Screen Printing</li> <li>- Stencil Printing</li> </ul>	<p>December, 2021</p> <p>- Brocade</p> <p>Jamdani</p> <p>- Revision of Craft Textiles</p> <p>- Review of Craft Documentation</p>

			- Roller Printing	pencils, crayons, rubber and candles	Making samples of Gathers
January, 2022	- Baluchari - Chanderi - Maheshwari	- Identification of Brocade, Jamdani, Baluchari, Chanderi, Maheshwari & Kanjivaram - Collection of swatches/ photographs continued	<b>UNIT-IV</b>  - Thickening agents : types and uses - Post treatment of dyed and printed goods.	Development of design through different placements : Straight repeat (all-over), half drop, tile or brick, repeat mirrored vertically and horizontally	Making samples of Pleats – Box Pleats, Knife Pleats, Kick Pleats  Making samples of Ruffles
February, 2022	- Kanjivaram Revision of whole Syllabus	Doubt Clearing & Final File Submission	Defects of dyed and printed goods.  Doubt Class	Development of two different theme-based designs each for apparel and household articles in two colorways	Making samples of Frills – Gathered Frill and pleated frills

*Original*

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

SESSION :- 2021-22

Department- Clothing and Textiles  
Semester-Even

Name of the teacher- Nidhi Duggal

Classes	B.Sc.(Fashion Designing)2 <sup>nd</sup> Sem	B.Sc.(Fashion Designing)2 <sup>nd</sup> Sem	B.Sc.(Fashion Designing) 4th Sem	PGDFD	B.Sc. (Home Science) ATD – 6 <sup>th</sup> Sem.	B.Sc. (Home Science) ATD – 6 <sup>th</sup> Sem.
Subjects	Garment Construction – Theory	Garment Construction – Practical	Knitting – Practical	Pattern Making II – Practical	History of World Costume - Theory	History of World Costume - Practical
March,2022	<b>UNIT-I</b> 1. 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	-Introductory Class  Making samples of Neckline finishes – Facing – Binding  Making samples of Pockets- – Patch pocket	-Introduction to the subject  -Knitting Abbreviations  -Tools & Material	Introduction to the subject  Introduction to Draping viz. - Equipments - Grain - Seam allowance/ease - Preparation of fabric - Dress forms  Draping of basic bodice – Front	-Introductory class -Egypt Civilization & study of Costumes worn during this period - Greek Civilization & study of Costumes worn during this period	-Introductory Class -Identification the sources of inspiration from various ancient world civilizations -Illustration of costumes of different Ancient world civilizations – Egypt & Greek
April,2022	<b>UNIT-II</b> 2. Terminology and details of the following: a) Skirts: Basic, Flared, Circular, Panelled, Gathered, Gored, Godet, Pegged, Tiered and Wrap skirt	Making samples of plackets- – Continuous placket – Two Piece placket – Bound placket  Making	Preparation of following hand knitting samples - Basic stitches -Rib, Moss, Garter & Single Jersey - Texture - Laces	Drapign of basic bodice – Back  Introduction to Grading  Grading of Skirt block	-Influence of Mughal & British Period on Indian Consume -Evolution of Ancient Indian Costumes	-Illustration of costumes of different Ancient world civilizations – Mughal & British  -Designing of Contemporary dresses or textiles by taking inspiration from sources

	<p>b) Trousers: Shorts, Jamaica, Bermuda, Pedal pushers, Palazzo pants, Toreador pants and Capri.</p> <p>Revision</p>	<p>samples of Pockets- - Inseam pocket - Front Hip pocket - Patch pocket with flap</p>				
<p>May,2022 Mid term exam</p>	<p><b>UNIT-III</b> 3. Handling special fabrics (with special reference to seams, seam finishing and handling while sewing) - Net, fur, leather, sheers, Jersey, Velvet, Corduroy, prints, checks and plaids, sequined fabric.</p>	<p>File Checking</p> <p>Making samples of Zippers- - Visible Zipper. - Invisible Zipper</p>	<p>File Checking</p> <p>Preparation of following hand knitting samples - Cables - Faire-isle</p>	<p>File checking</p> <p>Draping of basic skirt – front and back</p>	<p>Revision of syllabus</p> <p>-Rome Civilization -Byzantine Civilization</p>	<p>-File Checking</p> <p>-Illustration of costumes of different Ancient world civilizations – Rome &amp; Byzantine</p>
<p>June,2022</p>	<p>4. Preparation of fabric for clothing construction. 5. Fabric estimation and its importance.</p>	<p>Making sample of different Fasteners</p> <p>Making samples of Kurta plackets</p>	<p>Introduction to machine knitting</p> <p>Making samples of Rib &amp; Tuck</p>	<p>Grading of basic bodice and sleeve block</p>	<p>- French costumes worn during following periods- --Middle Ages --Romantic Period</p>	<p>Illustration of French costumes during Middle Ages &amp; Romantic Period</p>

CSMP

<b>UNIT-IV</b> 6. Lining, interlining and underlining. 7. Facing and inter facing. 8. Suitability of different fabrics for different garments	Making samples of Kurta pockets	Submission of File & Project work	Preparation of Industrial & Commercial Paper Pattern of Skirt & Top	- French costumes worn during following periods- --Renaissance Period – Revision of whole syllabus	Illustration of French costumes during Renaissance  -Completion & Final submission of files
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GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2021-22

Name of the teacher:- Ms. Shalu Gupta Department:- Extension Education Semester:- 1<sup>st</sup> & 5<sup>th</sup>

CLASSES	B.Sc.H.Sc. 5 <sup>th</sup> Sem (All streams)	B.Sc.H.Sc. 5 <sup>th</sup> Sem (All streams)	B.Sc.H.Sc. 5 <sup>th</sup> Sem IDRM	B.Sc.H.Sc. 1 <sup>st</sup> Sem
Subjects	Extension Education-I (Th)	Extension Education-I (Pract.)	Work Place Design -I	Intro. to IDRM-I
Month 1 Sep.'21	Unit-I	Intro. to non- projected aids. Prep. & Presentations	Unit -I	Meaning & Process of management
Month 2 Oct/Nov.	Unit-II	Intro to flash cards & flipbooks Prep. & Presentations	Unit -II	Decision making process, types --- Motivation factors
Month 3 Dec.	Unit-III	Intro. to traditional media Puppet story writings	Unit -III	Element of interior design & principles.
Month 4 Jan'22	Unit-IV	Role play & Puppet presentation	Unit -IV	Meaning, importance, Role of Interior designer Career options
Month 5 Feb'22	Revision	Report online case study of agency	Revision	Revision

Shalu

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2021-22

Name of the teacher:- Ms. Shaly Gupta Department:- Extension Education Semester:- 2<sup>nd</sup> & 6<sup>th</sup>

CLASSES	B.Sc.H.Sc. 5 <sup>th</sup> Sem (All streams)	B.Sc.H.Sc. 5 <sup>th</sup> Sem (All streams)	B.Sc.H.Sc. 5 <sup>th</sup> Sem IDRM	B.Sc.H.Sc. 6 <sup>th</sup> Sem IDRM	B.Sc.H.Sc. 2 <sup>nd</sup> Sem
Subjects	Ext. Edu. II (Th)	Ext. Edu. II (Pract)	WPD - II	BMCT - II	IDRM - II
Month 1 March	Unit - I	Topic selection Preparation of questionnaire	Unit - I	Unit - I	Resources - meaning, classification factors
Month 2 April	Unit - II	Survey Survey analysis	Unit - II	Unit - II	Money mgt. Time mgt.
Month 3 May	Unit - III	Awareness prog.	Unit - III	Unit - III	Energy mgt. work simplification
Month 4 June	Unit - IV	Report writing	Unit - IV	Unit - IV	Colours - classification, properties, colour, wheel, schemes & Emotional effect
Month 5					

Shaly

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Name of the teacher:- Dr. Bhavneet Kaur

Session:- 2021-22

Department:- Foods and Nutrition

Semester:-1, 3& 5 (Sept 21 to Feb 22)

CLAS SES	BSc. H.Sc. (1 <sup>st</sup> Sem)	BSc. H.Sc. (3 <sup>rd</sup> semester)		BSc. H. Sc. (5 <sup>th</sup> sem)	PG Diploma I		MSc. F&N (1 <sup>st</sup> semester)	MSc. F&N (3 <sup>rd</sup> sem)
Sub	Introduction to Foods and Nutrition-1	Physiology and promotive health	Applied Nutrition	Institutional Food Service and Quality Management	Institutional Food Service Management	Human Physiology	Human Physiology	Dissertation
Septem ber	Introduction to Foods and Nutrition Definition of food Functions of Food- physiological, psychological and social. Classification of food on the basis of its functions Health, Optimum Nutrition, Malnutrition. Basic terminology used in cooking Practical-Identification of foods, Weights and measures.	Blood Composition of blood. Hemoglobin, plasma, platelets, leucocytes and erythrocytes. Erythropoiesis. Cardiovascular System: Basic structure of heart, cardiac output Blood pressure and its measurement. Brief overview of cardiac cycle Digestive system. Structure	Concept of nutrition transition. Recommended Dietary Allowances: Concept of minimum nutrient requirements and recommended dietary allowances Unit-2 Classification, digestion, absorption, RDA, deficiency and excess: Carbohydrates Practical -Categorization of foods based on rich, moderate and poor sources of : Energy, Proteins, Vitamin A Planning and preparation of dishes rich in: Energy, Protein, Vitamin A	Types of institutional food service operations : Commercial, Non commercial Meal planning in institutions: Basic factors in institutional meal planning, Menu types , Portion control and maintenance of standard serving Practical-Standardization and preparation of – Cookies Procuring and executing orders for the above item. Preparation, packaging and selling of the same.	Introduction to food service institutions: Development of food service institutions in India , Effect of environmental changes, Types of institutional food service operations: Commercial and Non commercial Organization: Concept, Types of organizations Food Service Management: Approaches to management: Classical, Neo-classical, Scientific, Quantitative, Systems, Just-in-time, Total quality management Definition Principles of management Practical-Cafeterias	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.	Blood - Composition of blood. Plasma, RBC, WBC, Platelets Erythropoiesis, Blood Coagulation and Blood Groups , Cardiac cycle and cardiac output Blood pressure and factors affecting it. Hypertension, ECG Respiratory system: Breathing mechanism Exchange and transport of gases and its regulation , Lung Volumes and capacities Excretory System: Mechanism of urine formation, The role of the kidneys in maintaining water and electrolyte balance.	Synopsis Preparation of questionnaire and finalization.
Octobe r	Functions and sources of- Macro nutrients Carbohydrates, Proteins and Fats Micro nutrients- Minerals: Calcium, Iron and Iodine, Vitamins: Fat soluble (A, D, E, K) Water soluble (thiamine, riboflavin, niacin, pyridoxine, cyanocobalamin, B12 ascorbic acid) Functions and sources of- Water & Fiber Practical-Concept of portion cooking	Functions and digestion of food in the mouth, stomach, intestines and importance of salivary glands, stomach, pancreas and liver. Respiratory System: Structure of respiratory system, Mechanism of breathing: inspiration and expiration, Lung volume and capacities Personal Hygiene: Need for personal hygiene and personal hygienic habits Considerations for correct clothing Importance of rest, exercise and recreation.	Classification, digestion, absorption, RDA, deficiency and excess: Proteins - complete, partially complete, incomplete, Concept of essential non essential amino acids Practical- Categorization of foods based on rich, moderate and poor sources of : Vitamin B complex, Vitamin C , Iron, Planning and preparation of dishes rich in: Calcium, Iron, Fibre	Organization: Theories of organization Different types of organization Management: Definition and functions -Tools of management – Organization chart, job analysis, job specification, job evaluation. Practical-Standardization and preparation of – Cakes and puddings Procuring and executing orders for the above item.	Management Functions of management Tools of management Tangible Tools: Organization chart, Job description, Job specification, Job analysis, Work schedule, Production, Service and staff analysis statements, Budget, Benchmarking Intangible tools: Personality, Trust, Experience, Social and interactive skills, Self-confidence, Knowledge, Communication skills, Leadership quality, Goodwill, Appreciation, Training, Decision making Practical- Cafeteria	Cell structure. 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	Immunology and Nutrition: Human Immunoglobulins, Cell mediated and humoral immunity – impact of malnourishment. Innate immunity - Activation of WBC and production of Antibodies. T cells, B cells, Role of thymus. Acquired immunity related disease- AIDS, HIV, Autoimmune disorders – Role of antibodies in pregnancy screening, Effects of Vitamins on immunity	Data collection
Novem ber	Objectives of cooking food Methods of cooking Dry heat, moist heat, cooking with oil solar cooking and microwave cooking Effect of cooking on nutrients Practical-Raw and cooked weight of foods	Hygiene in Kitchen and Home: Lighting and ventilation Concept of health, disease and its prevention, WHO definition of health , Basic concept of disease	Classification, digestion, absorption, RDA, deficiency and excess: Fats - saturated, unsaturated Recommended Dietary Allowances, deficiency and excess: Vitamins- fat soluble- A,D,E,K Practical-Categorization of foods based on rich, moderate and poor sources of : Iodine, Calcium, Fibre Planning and preparation of dishes rich in: Vitamin A, Vitamin C	Physical plant: Location, Floor plans, Space Kitchen units Storage units Serving units, Dish washing units Equipment : Types of equipment as per the size and type of establishment. Factors affecting choice of equipments-utility of design, ease of installation, functionality and maintenance. Practical-Standardization and preparation of – Snacks- laddoos, mathari Procuring and executing orders for the above item. Preparation, packaging and selling of the same.	Institutional meal planning: Menu: Functions, format, display, types, Basic factors involved in meal planning Portion size and standard serving, Use of leftover food Food purchase and storage: Purchasing methods, Wholesale, retail, market, vendor Methods of Purchase: Formal and Informal Storage: Types, appropriate temperature for storage Store room: Requirements and records Practical- Cafeterias and Hospital visit	Endocrine System: Definition, functions and kinds of hormones. Structure and functions of the following glands: Thyroid, parathyroid, adrenal, pancreas, pituitary and pineal gland. 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 Gonadotropic hormone (HCG) Placenta, Physiology of pregnancy, parturition, lactation and menopause.	Digestive System: 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. Endocrine System: Definition, functions and kinds of hormones. Structure and functions of the following glands: Thyroid, parathyroid, adrenal, etc.	Data collection and data entry
Decemb er	Meal planning Fundamentals of meal planning Factors affecting meal planning Food safety Basic concept of food adulteration Introduction to food safety laws (PFA, BIS, HACCP, ISO, ISI, FPO, FSSA) Practical-Developing and preparing recipes rich in – proteins, carbohydrates, fat, fibre, calcium, iron, vitamin A and vitamin C, Detecting adulteration in foodstuffs – ghee, honey, coffee, milk, haldi	Types of parasites and their modes of transmission 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	Recommended Dietary Allowances, deficiency and excess: Vitamins - water soluble-Thiamine, Riboflavin, Niacin, Pyridoxine and C, Recommended Dietary Allowances, deficiency and excess: Minerals- calcium, iron, iodine Practical- Planning and preparation of dishes rich in: Thiamine, Riboflavin, Niacin	Food purchasing: Food buyer and methods of purchasing and pricing Requisition and inventory Food storage: Receiving and storage of food in institutions Location of storage spaces Types of storage for different food stuffs Practical-Standardization and preparation of – roasted namkeen and nutritious idli. Procuring and executing orders for the above item. Preparation, packaging and selling of the same.	Food production: Systems: Conventional, Convenience, Ready to eat food, Contract catering system Process of food production Cooking techniques: Moist, Dry, Combination Food services: Types: formal and informal Sensory evaluation of raw food and cooked food – Duo and Trio tests, Hedonic scale. Practical- Cafeterias	Respiratory System: Structure of respiratory system. Mechanism of respiration and its regulation. Oxygen and carbon dioxide transport in blood. Lung volume and capacity 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	Reproductive System: Structure and 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 Gonadotropic hormone (HCG) Placenta. Physiology of pregnancy, parturition, lactation and menopause.	Write up including: Introduction, methodology, review of literature
Januar y	Revision of concepts and practice of practicals.	Doubt sessions.	Revision and practicing recipe preparation	Revision and discussion of practicals.	Report submission of all the cafeterias and hospital visit, revision.	Revision of concepts.	Nervous System and Senses:	Final draft of write up

Name of the teacher:- Dr. Bhavneet Kaur

Session:- 2021-22

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Department:- Foods and Nutrition

Semester:-2, 4&amp; 6 (March 22-June 22)

CLAS SES	BSc. H.Sc. (4 <sup>th</sup> semester)	BSc. Dietetics (6 <sup>th</sup> semester)	PG Diploma (2 <sup>nd</sup> semester)	MSc. Foods and nutrition (2 <sup>nd</sup> semester)	MSc. F&N 4th Sem		
Subje cts	Physiology and promotive health II	Institutional Food Service and Quality Management II	Public Health and Nutrition II	Institutional Food Service Management II	Nutritional Anthropology	Dissertation	Dissertation
Febur ary	Excretory System: Structure and function of kidney Formation of urine Endocrine Glands: Structure, hormones and functions of the following glands: Pituitary, thyroid, parathyroid, adrenal, pineal and pancreas.	Quantity food production: Food production system and process Methods and techniques Criteria of evaluating food quality ,Use of leftover foods. Food service: Planning, decor and functionality of service and dining areas Types of food service and their management ,Vending and mobile catering Practical:Standardization, preparation, planning and quantity cooking of menus for- Lunch party , Birthday party . Taking and executing orders related to above. Preparation and presentation of the same. Food quality: Concept of food quality Quantitative and nutritional aspect of food quality ,Sensory quality Foods for canteen, lunchrooms and kiosks.	Etiology, public health implication and preventive strategies for: Protein energy malnutrition Vitamin A deficiency Nutritional anemia Etiology, public health implication and preventive strategies for: Iodine deficiency disorders Vitamin D and osteoporosis Zinc deficiency Practical-Planning and preparation of low cost nutritious recipes for: High protein and energy Food toxins – Chemical and natural	Personnel Management: Definition and scope Approaches: 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 Employment and wages. Orientation: Importance, Types: Formal, Informal Employee benefits: Physical needs Physiological needs Social- psychological needs Principles of employee benefits Employee welfare schemes in India	Quantity food production: Food production system and process ,Methods and techniques Criteria of evaluating food quality Use of leftover foods. Food service: Planning, decor and functionality of service and dining areas Types of food service and their management Vending and mobile catering Practical:Standardization, preparation, planning and quantity cooking of menus for- Lunch party Birthday party Taking and executing orders related to above.	Allotment of guides to the students.	Submission of second draft of write up.
Marc h	Reproductive System: Structure and functions of male and female sex organs. Ovarian and menstrual cycle.Methods of contraception Nervous System: Structure of Neuron Nerve Impulse. Cerebrospinal fluid. Cranial and Spinal Nerves Autonomic nervous system.	Cost control and pricing: Food cost control Methods of pricing Factors affecting pricing Methods of controlling food cost Personnel Management: Types of personnel required Personnel relationship Methods of recruitment Welfare provisions for employees – health, safety, recreation, meals. Labor and food laws. Practical:Standardization, preparation, planning and quantity cooking of menus for- Working Lunch .Taking and executing orders related to above.	Objectives and operations of nutrition programs in India: Mid-day meal program Integrated child development services (ICDS) (SNP) Vitamin A prophylaxis program (NIDDCP) National anemia prophylaxis / control program Practical-Planning and preparation of low cost nutritious recipes for: High in vitamin A	Staff training and development: Training: Definition, Importance Staff development : Principles Process Space planning and organization: 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. Practical -Visit to food service establishment.	Food quality: Concept of food quality Quantitative and nutritional aspect of food quality Sensory quality ,Foods for canteen, lunchrooms and kiosks. Cost control and pricing: Food cost control ,Methods of pricing Factors affecting pricing Methods of controlling food cost Practical-Standardization, preparation, planning and quantity cooking of menus for- Working, Lunch Taking and executing orders related to above. Preparation and presentation of the same.	Research Topic discussion and deciding of topics	Data analysis and results Write up and discussion with guide Review of finalised thesis and modification
April	Immune System: 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	Recent advances in institutional food service management.	Assessment of nutritional status:Direct assessment: Clinical signs – need and importance, identifying signs of PEM, vitamin A, iron deficiency and Iodine deficiency Nutritional anthropometry – need and importance, techniques for measuring height, weight, head, chest and arm circumference Biochemical tests and biophysical methods Dietary surveys: Need and importance Methods of dietary survey Interpretation Practical-Techniques for anthropometric measurements : height, weight, mid upper arm circumference	Catering equipment: Types of Equipment Factors affecting selection of equipments Equipment design, installation and operation Care and maintenance of equipments Practical- Preparing, packaging and retailing of food products as per actual bulk orders	Personnel Management: Types of personnel required Personnel relationship Methods of recruitment Welfare provisions for employees – health, safety, recreation, meals. Labor and food laws. Recent advances in institutional food service management. Practical-Standardization, preparation, planning and quantity cooking of menus for- Kitty party Festive dinner Taking and executing orders related to above. Preparation and presentation of the same.	Topics shortlisted	Data entry in excel sheet format for data analysis and statistical tools Application.
May	Diseases caused by ingestion/oral-fecal route insects/vectors ,Sexually transmitted disease. Pest control: Control and eradication of flies, and other pests ,Use of disinfectants for floors, working surfaces, kitchen equipment, dish washing. Importance and hazards of aerosol sprays for disinfection , Water:Contamination ,Hazards of water pollution Household and commercial methods of purification and water quality standards.	Safety measures: Safety procedure and training,Safety devices used in food institutions Hygiene and sanitation in food production: Environmental hygiene, hygiene in food handling HACCP, FSSAI, PFA, FPO, ISI, TQM, GMP Practical-Standardization, preparation, planning and quantity cooking of menus for- Kitty party Festive dinner Taking and executing orders related to above. Preparation and presentation of the same.	Indirect methods of assessment: Vital statistics Growth references and standards: Height for age Weight for age Weight for height, BMI, Mid upper arm circumference Concept of NCHS, WHO, NFHS Welcome trust classification Indian academy of pediatrics (IAP) classification Practical-Planning and preparation of low cost nutritious recipes for: High in iron ,High in calcium	Financial management: Importance of Financial Management in a food based enterprise ,Budgets and Budgeting process Costing: Concept, Types, Control Records: Menu, Purchase, Store, Production, Sales, Personnel, Utilities Cost analysis:Concept of Trial Balance, Profit and Loss Account , Balance sheet Food cost analysis: Pricing: Definition, factors Basic concepts in accountancy :Cash memo, Receipt, Pay-in-slip, Cheques, Vouchers Books of Account: Journal, Sales Return Book, Purchases Return Book, Sales Book, Purchase Book, Cash Book, Ledger Practical-Preparing, packaging and retailing of food products as per actual bulk orders	Safety measures: Safety procedure and training Safety devices used in food institutions Hygiene and sanitation in food production: Environmental hygiene, hygiene in food handling : HACCP, FSSAI, PFA, FPO, ISI, TQM, GMP	Topic finalisation	Preparation of final thesis draft
June	Revision of concepts.	Practicing recipes and doubt sessions.	Practical-Plotting of growth chart Revision and doubt sessions.	Practical-Preparing, packaging and retailing of food products as per actual bulk orders	Practicing recipes and doubt sessions.	Studying the details topic.	Submission of thesis

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2021-22 (Sep-Feb)

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

CLASSES	B.Sc FD 5 <sup>th</sup> Semester	B.Sc FD 5 <sup>th</sup> Semester	B.Sc. (H.Sc.) ATD 5 <sup>th</sup> Semester	B.sc.( H.Sc. ) composite 5 <sup>th</sup> sem	PGDFD 1 <sup>st</sup> semester
Subjects	AMT	Line development & portfolio	Apparel design & construction	Economics & entrepreneurship development (pr)	Garment Design
September	Introduction to various department of apparel manufacturing unit.	Study of fashion forecast	Drafting of adult bodice block & sleeve block	Introduction to Entrepreneurship Enterprise	Sketching of various fashion details
October	Brief study of apparel manufacturing unit & importance of quality assurance.	Designing of dresses taking inspiration from various sources & style reading. .	Pattern developed & construction of saree blouse. Develop pattern for top/kurti.	Formulation of questionnaire	Designing of children's casual wear & Formal wear
November Terminal exam	Concept & types of inspection .Types of packaging.	Conceptualization of theme & mood Board, pattern development, specification sheet.	Construction of top/kurti design & style read of saree blouse , top . ladies suit.	Preparation of project report for any start up . Class presentation of project report, SWDT analysis.	Designing of women's casual wear
December	Concept & material of packaging.	Development of theme & mood board on various categories.	Drafting of basic skirt block, style reading & pattern development.	Presentation of opportunity & idea generation.	Designing of women's formal wear
January	Labeling & stages of quality control.	Presentation of theme & then sourcing. .	Construction of gored skirt	Discussion of project report	Designing of men's ethnic, casual and formal wear.

S Sharma

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2021-22 (march-june)

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

CLASSES	B.Sc. FD 2 <sup>nd</sup> Semester	B.Sc FD 6 <sup>th</sup> Semester	B.Sc. FD 6 <sup>th</sup> Semester	B.sc.( H.Sc. ) composite 6 <sup>th</sup> se
Subjects	Garment Design	Entrepreneurship Development	Line development	Economics & entrepreneurship development (pr)
March	Design & style read of casual & Party wear frock	Concept & factors affecting entrepreneur & phases of Entrepreneurship Development	Selection of Information for documentation.	Introduction to start up, reasons for their failure
April	Design & style read of Romper, & night suit .	Characteristics of women Entrepreneur challenges & Avenues of women entrepreneurship	Categorization of documentation	Formulation of questionnaire
May Terminal exam	Design & Style read of Jump suit	Problems of small enterprises in India Factors affecting business Env	Portfolio making by using appropriate techniques.	Preparation of project report for any failure enterprise Class presentation of project report, SWDT analysis.
June	Design & style read of Jackets	Sources of new idea hindrances of creativity patent, trademark & copy right.	Development & presentation of portfolio. & Show casing of collection	Presentation of opportunity & idea generation.

*Sakshi Sharma*

## GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2021-22 Name of the teacher: - Mrs. Simar Prabh Kaur Department: - Clothing & TextilesSemester: - Odd semester (July 2021- December 2022)


CLASS	B.Sc (F.D) 1 <sup>st</sup> Sem	B.Sc (F.D) 1 <sup>st</sup> Sem	M.Sc (Clothing & Textiles) 1 <sup>st</sup> Sem	M.Sc (Clothing & Textiles) 3 <sup>rd</sup> Sem	M.Sc (Clothing & Textiles) 3 <sup>rd</sup> Sem	M.Sc (Clothing & Textiles) 3 <sup>rd</sup> Sem
Subjects	Pattern Making (TH)	Pattern Making (Pr.)	Fashion Illustrations (Pr)	Costume Designing & Construction (Pr)	Textile Designing (Th )	Textile Designing (Pr)
September, 2021	Terminology used in pattern making	Drafting of child bodice & sleeve block	Fashion figure : front, ¾th profile, side profile Rendering of fabric textures	Selection of theme mood board, swatch board and colour board	Textile Design meaning and scope, Elements and principles of Design Types of looms	Designing of household textiles on sheets Setting up of handloom and making samples
October, 2021	Locating landmark & precautions during body measurements. Taking body measurements.	Adaptation of puff, bell cap, kimono reglan sleeve.	Rendering of fabric textures Designing Casual wear & Formal wear for kids	Designing and selection of range of costume Market survey and material selection	Weaving – Types of weaves ,Knitting and its Classification Knitted fabric defects	Designing of dress material on sheets for Kids & Women
November, 2021 (Mid-Term Exam)	Flat pattern method drafting , draping merits & demerits, slash & spread/Pivotal transfer	Adaptation of Magyar leg-o-mutton, petal sleeve, Cap,	Line planning of Women wear: Casual wear, Occasion wear, Club wear & Office wear	Pattern development Material Cutting and construction of the selected designs	Textile Printing : Direct, Resist, Discharge, Blotch, Flock and Duplex	Making article of Tie and dye, Batik and Stencil printing
December, 2021	Fitting problem & remedies related to bust shoulder.	Adaptation of peter pan mandarin, sailor collar	Revision	Final fitting and finishing of costumes	Non-Wovens & Thickening agents Revision	Making articles of macramé and knitting
January, 2021	Fitting problem & remedies related to sleeves & skirt.	Adaptation of shawl, polo neck & convertible collar.	Developing a design Portfolio.	Showcasing the collection and portfolio development.	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

**GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH**

Session: - 2021- 22 Name of the teacher: - Mrs. Simar Prabh Kaur Department: - Clothing & Textiles

Semester: - Even Semester (Jan 2022- May 2022)

CLASS	B.Sc (H.Sc) ATD 6 <sup>th</sup> Sem	B.Sc (FD) 2 <sup>nd</sup> Sem	M.Sc 2 <sup>nd</sup> Sem	M.Sc 2 <sup>nd</sup> Sem	M.Sc 2 <sup>nd</sup> Sem
<b>Subjects</b>	<b>Line development and portfolio(Pr)</b>	<b>Needle craft (Pr)</b>	<b>Apparel Design &amp; Construction (Pr.)</b>	<b>Fashion communication (Th.)</b>	<b>Fashion communication ( Pr.)</b>
<b>March, 2022</b>	Selection of theme and Development of mood board and color board	Ribbon work & Different stitches of Ribbon embroidery.	Designing and style reading of , Pattern Development, and Construction of Trouser	Communication & mass Communication: scope and functions Need of Mass Communication in Fashion world.	Creative Writing Fashion events, News reporting - Book review
<b>April, 2022</b>	Market survey and Material selection. Making swatch board Pattern development of selected designs	Smocking –English Smocking, Smocking Stitches	Designing and style reading , Pattern Development of one piece dress.	5. Creative writing:- Feature &. Article Interviews, types of interview. How to conduct an interview, writing report of interview.	film review  Interview of one personality from the field of fashion
<b>May, 2022 (Mid term Exam)</b>	Portfolio making	Quilting – • Types of Quilting (hand and machine)	Material layout and Construction of One Piece Dress.	Photography, Editing & techniques of editing.	Photography Develop an album/ Shot book
<b>June 2022</b>	Construction and finishing of garments. Showcasing the collection. Development of digital portfolio	Types of Quilting : Development of article.	Designing and style reading , Pattern Development, of Jacket. Material layout and Construction of Jacket.	. Advertising ,Public relations & Publicity, Ethics of media & Event management	Scrap book of current fashion news Designing an advertisement





**GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH**

Session: - 2021-22 Name of the teacher: - Mrs. Pratibha Thapa Department: - Clothing & Textiles

Semester: - Odd semester (July 2021- December 2021)

CLASS	B.Sc (Fashion Designing) 3 <sup>rd</sup> sem	B.Sc (Fashion Designing) 3 <sup>rd</sup> sem	B.Sc (Fashion Designing) 5 <sup>th</sup> sem	B.Sc (ATD) 5 <sup>th</sup> sem	B.Sc (ATD) 5 <sup>th</sup> sem
Subjects	Fabric Construction-I (Th)	Fabric Construction-I (Pr) (Group-A & B)	Pattern & Marker Making on Computer-I (Pr)	Fashion Concepts & Illustration (Th & Pr)	CAD-I (Pr)
September,2021	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.	Fashion terminology Principles & Components  Block & Fleshing of fashion figure. Drawing of hair & hairstyles	Detailed study of tools of Paint and Corel Draw software.
October,2021	Basic loom and Basic motions of weaving Classification of weaves Shuttle loom and Shuttle less loom	Graphical representation of Plain weave- Rib & Basket weaves and making of samples.	Develop basic block patterns of the Child bodice-block and □ Sleeve block	Factors influencing fashion movement Stages of fashion cycle  Rendering different textures	Creating Nursery, Geometrical and Floral Motifs using MS Paint software.
November,2021 (Mid- Term Exam)	Revision of Syllabus  Difference between Shuttle and shuttle less Preparation of yarns for weaving Different types of warping.	Graphical representation of Twill weaves and making of samples.	Develop basic block patterns of the Basic Skirt block Develop basic block patterns of the Basic Trouser block	Length of fashion cycle-. Broken Fashion cycle. Fashion Theories:  Sketching of various fashion details	Designing of Top with different types of Collars-Peter pan, Cape, Sailor and Chinese Band.
December,2021	Novelty weaves- pile, lappet, leno, swivel, jacquard, dobby	Graphical representation of Satin & Sateen weaves and making of samples. Identification of weaves.	Grading of all Basic patterns	Sources of inspiration Sketching terminology.  Sketching of accessories Design and illustrate the a) Ethnic wear b) Western wear	Designing of Top with different types of Sleeves  Designing of different types of Skirts
January,2022	Woven fabric defects-float, gout, lashing in, missing ends, selvedge defects	Collection of samples of different weaves Preparation of an article using any weave	Making summary report and pattern card of all the patterns	Historical perspective of Fashion Illustration Scope of Fashion Illustration	Completion of files

*Pratibha Thapa*

**GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH**

Session: - 2021-22 Name of the teacher: - Mrs. Pratibha Thapa Department: - Clothing & Textiles

Semester: - Even semester (March 2022- June 2022)

CLASS	B.Sc (Fashion Designing) 4 <sup>th</sup> sem	B.Sc (Fashion Designing) 6 <sup>th</sup> sem	M.Sc (CT) 2 <sup>nd</sup> sem	M.Sc (CT) 4 <sup>th</sup> sem
Subjects	Fabric Construction-III (Th)	Pattern & Marker Making on Computer-II (Pr)	Computer Application in CT (Pr)	CAD-II (Pr)
March,2022	Knitting Terminology. Types of knitting- warp knitting & weft knitting Properties of knitted fabric Difference between Knits and woven.	Develop basic block patterns of the Adults bodice-block and □ Sleeve block	Study in detail different tools of Photoshop. Create composition of stripes, checks in various textures and colours.	Study tools of TukaCad Develop basic block pattern of the following: - Adult's bodice block and sleeve block - Skirt
April, 2022	Knitting machines- flat bed & circular Different types of knitting machine needles and their working Knitted fabric defects	Develop basic block patterns of the Shirt	Scan fashion model and redesign the texture and colour combination of the dress. Design a mood board Create Logos, Pamphlets and Visiting Cards.	Create patterns of the following - Puff sleeve - Magyar - Raglan Manipulation of darts
May, 2022 (Mid- Term Exam)	Non-woven methods of fabric construction: process, properties and end-uses Felting Bonding Needle Punching	Develop basic block patterns of princess line (one -piece dress)	Study different tools of Corel Draw. Create a composition of geometrical shapes, traditional and contemporary motifs. Line development of Bed linen, Table linen, Curtains and Towels	Create patterns of the following - Flared - Gored - Pleated
June,2022	Methods of decorative fabric construction • Lace making • Netting • Braiding • Knotting	Dart Manipulation using basic adult basic block Marker layout of all the patterns with summary report	Study different tools of Rich Peace. Drape the fashion figures in different silhouettes. Create a thematic design collection.	Grading of the basic patterns: -Adult's Bodice Block -Sleeve Block -Skirt Block Study tools of Tuka Mark Marker layout of the developed patterns along with summary report

*Pratibha Thapa*

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2021-22 Name of the teacher: - Dr. Preeti Alagh Department: - Clothing & Textiles

Semester: - Odd semester (July 2021- December 2021)

CLASS	B.Sc (Fashion Designing) 3 <sup>rd</sup> sem	B.Sc (Home Science) 1 <sup>st</sup> Sem	PGDFD 1 <sup>st</sup> Sem
Subjects	Fashion Illustration On Computer (Pr) (Group-A & B)	Introduction to Clothing & Textiles (Pr) (Group-A, B, C, D, E, F)	Fashion Fundamental (Th)
September 2021	*Croqui drawing *Designing of casual and formal women wear incorporating the following fashion details Collar- Peter pan, Cape, Mandarin, Shawl and Shirt Collar	<ul style="list-style-type: none"> <li>Basic hand stitches- Basting, Hemming-visible/invisible, Tailor's tack</li> <li>Practice exercise of Basic seams</li> </ul>	1. Fashion Terminology: Fashion, fad, style, classic, taste, design, hi-fashion, mass fashion, trend, ford, knock-off, haute couture, boutique and prêt-a-porter. 2. Characteristics of fashion 3. Components of fashion : a) Details b) Colour c) Texture d) Silhouette.
October 2021	*Designing of casual and formal women wear incorporating the following fashion details Sleeve- Puff, Raglan, Kimono, Leg-o-mutton, and Bell.	<ul style="list-style-type: none"> <li>Types of Seam and self finished seams- Plain, Run and fell, French, lapped.</li> <li>Fibre Identification: Cellulosic fibers: Cotton &amp; Linen</li> </ul>	Sources of inspiration 5. Fashion forecasting a) Definition b) Steps in fashion forecasting c) Fashion forecasting agencies
November 2021 (Mid-Term Exam)	*Skirts- A-line, gathered, gored, pegged, circular, tiered and skirt with yokes	Types of Seam Finishes: Overlock, Hand overcasting, Turned and Stitched, Binding	Stages of Fashion cycle 7. Length of fashion cycle
December 2021	*Trousers with pockets	Fibre Identification Proteic fibers: Silk & Wool	Broken fashion cycle. 9. Theories of fashion adoption: a) Trickle Down b) Trickle Across c) Bottom - Up
			Factors affecting fashion: a) Social b) Economic c) Psychological 11. Fashion Leaders and Followers

*Preeti*

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2021-22 Name of the teacher: - Dr. Preeti Alagh Department: - Clothing & Textiles

Semester: - Even Semester (Jan 2022- May 2022)

CLASS	B.Sc (FD) 6 <sup>th</sup> Sem	B.Sc (FD) 6 <sup>th</sup> Sem	B.Sc (Home Science) 2 <sup>nd</sup> Sem	PGDFD 2 <sup>nd</sup> Sem &
Subjects	Fashion marketing and merchandising (Th)	Fashion marketing and merchandising (Pr.)	Introduction to Clothing & Textiles (Pr) (Group-A, B, C, D, E, F)	Fashion marketing and merchandising (Th)
January MARCH 2022	Terminology- market, marketing, niche, target customer, vendor, supplier, franchise, market research, marketing-mix, mark-up, mark-down. 2. Fashion Marketing Size and Structure Ethical issues in fashion marketing Market segmentation Marketing environment Macro: Supplier, Marketing intermediates, Customers, Competitions Micro : Demographic, Natural, Political	Introductory class  Survey of sales promotion techniques followed by any two leading stores	<ul style="list-style-type: none"> <li>• Making samples of Fullness- Types of Darts, Tucks, Pleats, Gathers.</li> <li>• Stain removal (turmeric, ink, egg, henna, tea and coffee)</li> </ul>	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
February APRIL 2022	Fashion promotion – Advertising Publicity Personal selling Visual Merchandising	A case study of any fashion retail store and report writing of the same	<ul style="list-style-type: none"> <li>• Neckline Finishes- Binding, Facing.</li> <li>• Fasteners- Button, Buttonhole, Hook and eye, Press Button.</li> </ul>	Fashion Merchandising i) Role and Responsibilities of Fashion Merchandiser Steps in Fashion Merchandising: a) Planning b) Buying/ Procuring c) Promoting/selling

*Preeti*

<p><del>March</del> MAY 2022</p>	<p>Fashion Merchandising Characteristics of merchandiser Role and responsibilities of a merchandiser Steps in Fashion Merchandising Planning Buying/Procuring Promoting/Selling</p>	<p>File checking</p>	<p>Fibre identification: rayon, Acetate, Polyester Viscous Nylon.</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><del>April</del> JUNE 2022</p>	<p>Fashion Retailing – Retail formats On-Site fashion retailers- Departmental stores, Speciality stores, Chain store and Franchise retail stores. Off- Site fashion retailers- E-tailing, Catalogues, and Home Shopping.</p>	<p>Thematic window display on the selected topic and evaluation</p>	<p>Stain Removal: blood, ball pen, curry, grass, milk, rust, cold drink, juice, shoe polish, paint.</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>

*Arushi*

**GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH**

Name of the teacher: - Heena Narang Department: - Clothing and Textiles Session: - 2021-22 Semester: - odd

CLASSES	B.Sc. (Home Science) 3 <sup>rd</sup> Semester	B.Sc. (Home Science) 3 <sup>rd</sup> Semester	Post Graduate Diploma in Fashion Designing 1 <sup>st</sup> sem	B.Sc. (Fashion Designing) 1 <sup>st</sup> Semester
Subjects	Fabric Construction (Theory)	Fabric Construction (Practical)	Fashion design and production (Theory)	Basics of Design (Practical)
Month 1 September	<ul style="list-style-type: none"> <li>• Terminology</li> </ul>	<ul style="list-style-type: none"> <li>• Identification of Yarns.</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to the class and assignment on pictures related to their clothing from their wardrobe</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to different drawing tools and colouring mediums and its application.</li> </ul>
Month 2 October	<ul style="list-style-type: none"> <li>• Introduction to Yarns</li> <li>a) Different types of spinning b) Classification of Yarn</li> <li>• Introduction to Loom</li> <li>a) Basic Loom and its parts b) Different types of loom: Shuttle loom and Shuttle less loom.</li> </ul>	<ul style="list-style-type: none"> <li>• Crocheting</li> <li>• Identification of Weaves.</li> <li>• Graphical representation of simple weaves a) Plain Weave and its derivatives</li> </ul>	<ul style="list-style-type: none"> <li>• Elements of art</li> <li>• Principles of design</li> </ul>	<ul style="list-style-type: none"> <li>• Line and its types</li> <li>• Different Forms &amp; Shapes</li> </ul>
Month 3 November	<ul style="list-style-type: none"> <li>• Introduction to Weaving</li> <li>a) Classification of weaves b) Basic Weave: Plain, Twill and Satin</li> <li>• Terminal exams</li> </ul>	<ul style="list-style-type: none"> <li>• Graphical representation of simple weaves b) Twill Weave c) Satin and Sateen Weave</li> <li>• Terminal exams</li> </ul>	<ul style="list-style-type: none"> <li>• Preparation of fabric before cutting</li> <li>• Different types of layout</li> <li>• Terminal exams</li> </ul>	<ul style="list-style-type: none"> <li>• Creation of motifs using different forms and shapes.</li> <li>• Terminal exams</li> </ul>
Month 4 December	<ul style="list-style-type: none"> <li>• Introduction to Weaving</li> <li>Classification of weaves :- Fancy Weave: Pile, Dobby, Leno, Swivel, Lappet</li> </ul>	<ul style="list-style-type: none"> <li>• Construction of samples of the following</li> <li>Hand Knitting a) Stocking stitch b) Garter c) Rib d) Moss</li> </ul>	<ul style="list-style-type: none"> <li>• Garment details-Terminology, various types and suitability of the following to different garments:- Collars, Sleeves Pockets, Plackets</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to colour</li> <li><input type="checkbox"/> Colour wheel</li> <li><input type="checkbox"/> Value scale</li> </ul>
Month 5 January	<ul style="list-style-type: none"> <li>• Basic fabric construction techniques: a) Knitting b) Bonding</li> </ul>	<ul style="list-style-type: none"> <li>• Construction of samples of the following e) Cables f) Lace g) Fair-isle</li> </ul>	<ul style="list-style-type: none"> <li>• Handling of Special Fabrics and Knowledge of size of according to the fabric.</li> <li>• Terminology</li> <li>• Assignment and presentation</li> </ul>	<ul style="list-style-type: none"> <li>• <input type="checkbox"/> Colour harmonics</li> </ul>
Month 6 February	<ul style="list-style-type: none"> <li>• Basic fabric construction techniques: Felting and Knotting</li> <li>• Revision of Syllabus</li> </ul>	<ul style="list-style-type: none"> <li>• Project work</li> </ul>	<ul style="list-style-type: none"> <li>• Assignment and presentation contd.</li> <li>• Work flow and brief study of various departments of apparel manufacturing unit</li> <li>• Quality control in Apparel Production at different stages.</li> </ul>	<ul style="list-style-type: none"> <li>• <input type="checkbox"/> Warm and cool colours</li> </ul>

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GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Name of the teacher: - Heena Narang Department: - Clothing and Textiles Session: - 2021-22 Semester: - even

CLASSES	B.Sc. (Home Science) 4 <sup>th</sup> Semester	B.Sc. (Home Science) 4 <sup>th</sup> Semester	B.Sc. (Home Science) ATD 6 <sup>th</sup> Semester	B.Sc. (Fashion Designing) 2 <sup>nd</sup> Semester
Subjects	Apparel Construction (Theory)	Apparel Construction (Practical)	Needle Craft	H.C.P
Month 1 March	<ul style="list-style-type: none"> <li>Suitability of different natural fabrics for different garments: a) Cotton b) Linen c) Wool d) Silk</li> </ul>	<ul style="list-style-type: none"> <li>Drafting of Child's basic bodice block and sleeve block</li> </ul>	<ul style="list-style-type: none"> <li>Preparation of samples with the following techniques: A. Patchwork a) Pieced Patchwork b) Applied Patchwork</li> </ul>	<ul style="list-style-type: none"> <li>Introduction of Colonial rule in Punjab</li> <li>Western Education</li> <li>Agrarian Development</li> </ul>
Month 2 April	<ul style="list-style-type: none"> <li>Suitability of different man-made fabrics for different garment</li> <li>Preparation of fabric before cutting and Different types of layout</li> </ul>	<ul style="list-style-type: none"> <li>Adaptation and Construction of following sleeves: a) Plain b) Puff c) Flare d) Cap</li> </ul>	<ul style="list-style-type: none"> <li>Quilting a) Hand-quilting b) Machine quilting</li> </ul>	<ul style="list-style-type: none"> <li>Early socio religious reform</li> <li>Socio religious reform movements</li> <li>Development of press and literature</li> </ul>
Month 3 May	<ul style="list-style-type: none"> <li>Handling of Special Fabrics and Knowledge of size of needles, threads and stitches according to the fabric.</li> <li>Garment details – a) Collars b) Sleeves c) Pockets d) Plackets</li> <li>Terminal exams</li> </ul>	<ul style="list-style-type: none"> <li>Construction of samples of Plackets</li> <li>Construction of samples of Pockets</li> <li>Terminal exams</li> </ul>	<ul style="list-style-type: none"> <li>Applique a) By hand b) By machine. c) Reverse applique</li> <li>Terminal Exams</li> </ul>	<ul style="list-style-type: none"> <li>Emergence of political consciousness</li> <li>Gurudwara reform movement</li> <li>Struggle for freedom</li> <li>Terminal Exams</li> </ul>
Month 4 June	<ul style="list-style-type: none"> <li>Garment details contd.</li> <li>Garment Style:- a) Skirts b) Trousers c) Jackets and Coats d) One piece dresses</li> </ul>	<ul style="list-style-type: none"> <li>Adaptation and Construction of Baby and Mandarin collar, Peter-Pan and Cape collar</li> </ul>	<ul style="list-style-type: none"> <li>Macrame and Project work</li> </ul>	<ul style="list-style-type: none"> <li>Partition and its aftermath</li> <li>Post-independence Punjab</li> <li>Map</li> </ul>

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2021-2022

Name of the Teacher:- Mrs. Manpreet Kaur


Department:- Clothing and Textiles

Semester:- July 2021- Dec 2021

CLASSES	B.Sc. Fashion Designing 3 <sup>rd</sup> Sem	PGDFD 1 <sup>st</sup> Sem	B.Sc. Home Science (ATD and composite ) 5 <sup>th</sup> Sem
Subjects	Garment Construction (Pr)	Garment Construction (Pr)	Traditional Embroideries (Th & Pr)
September,2021	Construction of following- Puff, Bell,	Neckline finishes a) Bias binding b) Bias facing c) Shaped facing	Th- Phulkari of Punjab Pr- Making samples of the basic embroidery stitches
October,2021	Construction of following- Cap, Kimono, Reglan, Magyar, Leg-o- mutton, Petal	Plackets a) Two piece kurta placket. b) One piece continuous wrap. c) Zipper placket (different types). (C) Collars a) Peter pan b) Sailor's	Th- Chamba Rumal of Himachal Pradesh Kashida of Kashmir Pr- Making samples of the basic embroidery stitches
November,2021	Construction of following Collar Peter Pan, Baby, Sailor,	Chinese d) Shawl e) Cowl f) Convertible (D) Sleeves a) Plain b) Puff c) Bell	Th- Chikankari of Uttar Pradesh Kutch Embroidery of Gujarat Pr- Phulkari of Punjab Chikankari of Uttar Pradesh
December,2021	Construction of following Collar- Cape, Mandarin	Leg-o-mutton Cap Magyar g) Raglan (F) Pockets a) Patch	Th- Sindhi and Kathiawar Embroidery Pr- Kutch Embroidery of Gujarat



		b) Inseam c) Set in	
January, 2022	Construction of following Collar- Shawl, Polo neck, Convertible Submission of Project	(E) Skirts a) A-line Flare/ Added Flare b) Pleated skirt with Yoke c) Circular d) Godet e) Tiered f) Wrap	Th- Manipuri Embroidery Kantha of Bengal Kasuti of Karnataka Pr- Sindhi Embroidery e) Kantha of Bengal f) Kasuti of Karnataka



GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2021-2022

Name of the Teacher:- Mrs. Manpreet Kaur

Department:- Clothing and Textiles

Semester:- March 2022- June 2022

CLASSES	B.Sc. Fashion Designing 4 <sup>th</sup> Sem	PGDFD 2 <sup>nd</sup> Sem	B.Sc. Fashion Designing 6 <sup>th</sup> Sem	B.Sc. Fashion Designing 4 <sup>th</sup> Sem	B.Sc. Fashion Designing 2 <sup>nd</sup> Sem
Subjects	Garment Construction (Pr)	Line development (Pr)	Seminar (Pr)	History of Indian Costumes (Th)	Punjabi (Th)
March,2022	Drafting and construction of: Jhabla	Creating the Design Concept through Theme board Mood board	Topic distribution	Indus Valley Period Evolution of costumes from Vedic period to Gupta period.	Chapter 1-3
April, 2022	Drafting and construction of: Panty	Developing the designs Sourcing of the fabric	Discussion on different topics	Mughal Period British Period Punjab & Haryana Rajasthan Assam	Chapter 4-6
May, 2022	Drafting and construction of: Bloomer	Preparation of Spec-sheets	Presentations	Jammu & Kashmir Himachal Pradesh	Chapter 7-10
June,2022	Drafting and construction of: Romper Night suit	Developing the patterns Preparation of Spec-sheets Garment Construction Show-casing the collection	Presentations	West Bengal Gujarat Maharashtra	Viakaran Essay writing

*Manpreet Kaur*

### Govt. Home Science College, Sector-10, Chandigarh

Teacher Name:- Navtej Singh  
Session:- 2021-2022

Department:- Computer Lab  
Semester – I

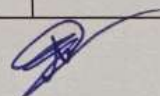
<b>Class</b>	<b>B.Sc.HomeScience-II</b>	<b>B.Sc. Fashion Designing</b>		
<b>Subject</b>	Basics of Computer	Basics of Computer Skills-I		
<b>Sept</b>	Introduction to Computer, Classification of Computer MS Power Point	Introduction to Computer, Classification of Computer MS Power Point		
<b>Oct</b>	Computer Generations, Computer Hardware & Software MS Power Point	Computer Generations, Computer Hardware & Software MS Power Point		
<b>Nov</b>	Basic Organisation of Computer/ MS Word Exam(Terminal)	Basic Organisation of Computer/ MS Word Exam(Terminal)		
<b>Dec</b>	Computer Input/Output Devices/ MS Word	Computer Input/Output Devices/ MS Word		
<b>Jan `22</b>	Computer Abbreviations/ MS Power Point/ Wrđ Practical File	Computer Abbreviations/ MS Power Point/ Word Practical File		
<b>Feb`22</b>	Practical File Final Exam	Practical File Final Exam		

## Govt. Home Science College, Sector-10, Chandigarh

Teacher Name:- Navtej Singh  
Session:- 2021-2022

Department:- Computer Lab  
Semester – II

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



**GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH**

Session:- 2021-2022

Name of the teacher:-Dr Shikha Garg Department:- Human Development & Family Relations Semester:-August to December 2021

CLASSES	B.Sc. H.Sc. HDFR 5 <sup>th</sup> Sem	B.Sc. H.Sc. HDFR 5 <sup>th</sup> Sem	B.Sc. H.Sc. HDFR 5 <sup>th</sup> Sem	B.Sc. H.Sc. HDFR 5 <sup>th</sup> Sem	P.G.Diploma in Child Guidance & Family Counselling 1 <sup>st</sup> Sem	P.G.Diploma in Child Guidance & Family Counselling 1 <sup>st</sup> Sem	M.Sc. Home Science HDFR 1 <sup>st</sup> Sem	M.Sc. Home Science HDFR 3 <sup>rd</sup> Sem	M.Sc. Home Science HDFR 3 <sup>rd</sup> Sem
Subjects	Children with Special Needs-I (Theory)	Children with Special Needs-I (Practical)	Children at Risk (Practical)	Children at Risk (Theory)	Guidance and Counselling in Applied Settings-I (Practical)	Counselling techniques and applications -I (Theory)	Assessment in human development (Theory)	Principles of Development (Theory)	Dissertation
Month 1 (SEP)	- Meaning of children with special needs.  -Types of exceptional children.	-Prepare a display related to the nature/ causes/treatment/ assistive devices for children with special needs	-Visit to any centre for children at risk and carry out at least five sessions of activities for enhancing their life skills	An overview of. a. Victims of Physical, emotional, moral& spiritual abuse	-Planning and organizing a guidance and counseling programs	Professional ethics in counseling - The making of a counselor – education and training	- Concept of testing and measurement, tools of psychological assessment, ethics and professional issues in testing.	Understanding assumptions for the study of development - Salient dimensions of life trajectories Pathways and repairs in Developmental Tasks.	Dissertation
Month 2 (OCT)	-Concept of special education -Introduction to various types of educational services	-Survey families having children with special needs and prepare a report	-Organize and conduct a public awareness program related to any issue related to children at risk. -prepare a display	Brief description of children in the following risk situations	Planning and organizing a guidance and counseling program for:	-Group techniques in counseling - Counselling for Drug Abuse	- Scales of measurement, norms – concept of norms, types of norms, reliability – validity Relation between reliability and validity.	- Physiological Development: Nervous system and Brain - Role of genetics & Behavior. Patterns of genetic inheritance, Genetic principles & Deviations	Dissertation
Month 3 (Nov)	- Problems of children with special needs.	- Visit any three institutions working for children with special needs and prepare a critical report of the same	-Collect newspaper clippings related to programmers, policies, issues and facilities concerning children at risk.	Working children child labour. -Ways of eradication of child labour Programmes and policies -	-Applying different guidance and counseling techniques	Counselling for children in difficult circumstances - Counselling for Child Abuse	History of psychological testing,  nature of psychological tests, classification of tests.	influence of environment on developing person -Role of socialization and relevance of cognition, language, morality and culture	Dissertation
Month 4 (Dec)	- Problems of parents having children with special needs.	-Prepare a booklet with samples of work done by children. -Plan and conduct ten recreational activities for children.	-Conduct a case study of any child working in risk situation. -Carry out a focused group discussion.	Conventions on the rights of the child. - Recommendation s for government bodies, NGO's and activists.	Institutional visits and critical evaluation of guidance and counseling centers	Counselling in crisis situation, victims of terrorism - Counselling for HIV/AIDS and terminal illnesses	-Hypothesis and its testing, techniques of evaluation	-Interactional process in development: Nature and Nurture Interplay, Cultural Organization of Human Development -Outcomes of Development	Dissertation
Month 5 (JAN)	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Dissertation

*Shikha*

**GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH**

**Session:- 2021-2022**

**Name of the teacher:-Dr Shikha Garg Department:- Human Development & Family Relations Semester:-Jan to June 2022**

**On Maternity leave from December to June**

*Shikha*

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2021-2022

Name of the teacher: - Dr. Vasudha Bansal

Department: - Foods and Nutrition

Semester: - 1<sup>st</sup> term (Sep 2021- Feb 2022)

CLASSES	M.Sc. FOODS AND NUTRITION 1 <sup>ST</sup> SEMESTER		B.Sc. HOME SCIENCE 1 <sup>ST</sup> SEMESTER	PG DIPLOMA IN NUTRITION AND DIETITICS		M.Sc. FOODS AND NUTRITION 3 <sup>RD</sup> SEMESTER		
	Subjects	NUTRITIONAL BIOCHEMISTRY	NUTRITIONAL BIOCHEMISTRY PRACTICAL	INTRODUCTION TO FOODS AND NUTRITION - 1 PRACTICAL	NUTRITIONAL BIOCHEMISTRY	INTRODUCTION TO MICROBIOLOGY	DISSERTATION	FOOD MICROBIOLOGY AND QUALITY CONTROL
September	UNIT -1 Biological oxidation: free energy, redox reactions, respiratory chain, high energy compounds and oxidative and non-oxidative phosphorylation. Carbohydrate metabolism- TCA cycle, HMP pathway, Glycolysis, glycogenolysis, glycogenesis, gluconeogenesis.	Preparation of standards solutions, buffers and measurement of pH.	Identification of foods. Weights and measures. Concept of portion cooking.	UNIT-1 Biomolecules, Carbohydrates: classification and importance, Classification of lipids Classification of amino acids and proteins UNIT-2 Intermediary metabolism; Carbohydrates- TCA cycle, glycolysis, gluconeogenesis, blood sugar regulation	UNIT-1 History of microbiology, sub-disciplines of microbiology Prokaryotic cell structure, intro to microorganisms in foods. UNIT-2 Physical and chemical methods to destroy microorganisms	synopsis	UNIT-1 History of food microbiology, morphology of bacteria, yeast and fungi Role of microorganisms in foods Factors affecting physiological growth of microorganisms	Morphology of bacteria and fungi associated with foods. Isolation of microorganisms by pure culture technique and microbial count by standard plate count method.

*Vasudha*

<b>October</b>	UNIT-2 Protein metabolism: Urea cycle, biosynthesis of proteins, genetic code. Lipid metabolism: Fat metabolism, oxidation and biosynthesis of lipids, ketone bodies	Tests for carbohydrates	Raw and cooked weight of foods. Developing and preparing recipes rich in: proteins, carbs, fat, fiber, calcium, iron	UNIT-2 Proteins- urea cycle, Lipids: beta oxidation ketone bodies and de novo synthesis of fatty acids UNIT-3 Enzymes- definition, classification and factors affecting	UNIT-2 Cultivation of microorganism: Nutritional requirements, types of media used and methods of isolation UNIT-3 Measurements and growth of microorganisms and factors affecting it.	Experimental work	UNIT-2 Food spoilage: milk, bread canned foods, vegetables, fruits, meat, eggs, fish Physical and chemical means for destruction of microbes	Microbiological analysis of water, milk, canned product, fruit juices and street foods.
<b>November</b>	UNIT-3 Enzymes: classification and factors affecting, derivation of Michaelis- Menten, Lineweaver- Burk equation	Tests for proteins	Developing and preparing recipes rich in: vitamin A and vitamin C.	UNIT-3 Hormones: Introduction, mechanism and biological role of insulin and glucagon	UNIT-3 Use of high and low temperature, irradiation, dehydration and preservatives	Experimental work	UNIT-3 Importance of microbes in food biotechnology: GMO, prebiotic probiotic and single celled proteins	Use of biochemical tests for identifying bacteria.
<b>December</b>	UNIT-3 Enzyme inhibition and regulatory enzymes, regulatory enzymes: covalent and allosteric UNIT-4 Nucleic acids: DNA and RNA Metabolism of nucleic acids Biochemical mode of action of hormones.	Tests for lipids and enzymes	Detecting adulteration in foodstuffs	UNIT-4 Vitamins – biochemical role Vitamins: fat soluble and water soluble Minerals- macrominerals and microminerals	UNIT-4 Contamination and spoilage of- Cereals, fruits and vegetables, meat, egg, milk and canned foods UNIT-4 Microbiological safety of foods	Write up: introduction and methodology	UNIT-3 Application of food microbiology UNIT-4 Food borne illness: food infection and food poisoning, Assessing the microbiological quality of food	
<b>January</b>	Doubts taken of difficult topics			Doubts taken of difficult topics	Doubts taken of difficult topics	Final draft of introduction and methodology	Doubts taken of difficult topics	

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Name of the teacher:  
CLASSES M.Sc. FOR  
AND  
NUT

motifs | shoulder & Wrap



Session: - 2021-2022

Name of the teacher: - Dr. Vasudha Bansal

Department: - Foods and Nutrition

Semester: - 2<sup>nd</sup> term (March 2022- July 2022)

CLASSES	M.Sc. FOODS AND NUTRITION 4 <sup>TH</sup> SEMESTER	BSC. HOME SCIENCE SEMESTER- 2 <sup>nd</sup>	BSC. HOME SCIENCE SEMESTER-4 <sup>th</sup>		PG DIPLOMA NUTRITION AND DIETITICS SEM-2 <sup>nd</sup>	M.Sc. FOODS AND NUTRITION SEMESTER-2 <sup>nd</sup>		
Subjects	PRINCIPLES OF FOOD SCIENCE	INTRODUCTION TO FOODS AND NUTRITION II PRACTICAL	APPLIED NUTRITION II	APPLIED NUTRITION II PRACTICAL	FOOD HYGIENE AND MICROBIOLOGY	BIOCHEMICAL FOOD ANALYSIS AND INSTRUMENTATION	BIOCHEMICAL FOOD ANALYSIS AND INSTRUMENTATION PRACTICAL	DISSERTATION
March	UNIT-1 Processing of foods: primary, secondary, tertiary. Traditional technologies used in food processing. Effects of processing, nutritional values of foods. UNIT-2	Food preparation according to different food groups: cereals, pulses, vegetables, milk.	UNIT-1 Concept and components of body composition. Water, general methods of RDA. UNIT-2 Concept of energy balance: positive, negative, homeostasis. Physiological fuel value	Planning and preparation of the following: Weaning foods, school going child, adolescents, adult man and woman	UNIT-1 Importance of food hygiene in food service establishments, hygiene precautions to be taken. UNIT-2 Environmental sanitation and public health	UNIT-1 Biochemical techniques: Homogenization, spectroscopy pH meter and centrifugation	Estimation of moisture content and titrable acidity of food products.	Submission of finalized introduction and review of literature, methodology

*Vasudha*

	Cereal/starch cookery: composition and properties of starch, its application, gluten formation, retro gradation of starch, gelatinization and dextrinization							
April	<p>UNIT-2</p> <p>Sugar cookery:</p> <p>Composition, properties, application crystallization, caramelization and milliard reaction</p> <p>UNIT-3</p> <p>Fats and oils:</p> <p>Types, properties, rancidity</p>	Beverages preparation	<p>UNIT-2</p> <p>Concept of BMR and energy expenditure</p> <p>UNIT-3</p> <p>Infancy</p> <p>Childhood</p> <p>Adolescence</p> <p>adulthood</p>	Planning and preparation of: Pregnancy, lactation, old age	<p>UNIT-2</p> <p>Sources and transmission of harmful microorganisms.</p> <p>UNIT-3</p> <p>Bacterial food poisoning</p>	<p>UNIT-2</p> <p>Biochemical techniques:</p> <p>Chromatography, electrophoresis</p> <p>Food analysis:</p> <p>Titrate acidity, minerals vitamins moisture and ash</p>	Tests for carbohydrates and protein	<p>Data analysis and results and write up and discussion with guide</p> <p>Review of finalized thesis and modification</p>

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<b>May</b>	UNIT-3 Protein rich foods of animal and plant origin: pulse, milk, egg, meat cookery.		UNIT-4 Pregnancy and lactation Old age	Therapeutic consistency of diet: Consistency, nutrient	UNIT-3 Food borne infections	UNIT-3 Carbohydrates proteins	Test for fats	Modifications and recommendations
<b>June</b>	UNIT-4 Vegetables and fruits: Types of starches, pectic, plant pigments, browning reaction, effect of cooking on pigment and texture. Basic concepts of new product development	Demonstration of preparation of jams, murabba, pickles for preservation.	UNIT-4 Diet therapy: Principles, modification of normal diet, nutritive modifications, enteral and parenteral nutrition	Market survey and report presentation of therapeutic diets: protein, energy, fibre and micronutrients	UNIT-4 Refuse disposal: methods of collection, storage and disposal. Micro-organisms used in food biotechnology: prebiotics and probiotics	UNIT-4 Fats: characteristics, iodine value, saponification value, acid value, storage changes, Reichert-meissel value Enzymes: types, enzymes as aids and biotechnological applications.	Tests for vitamins and minerals. Estimation of phytic acid and trypsin inhibitors activity.	Conclusion and summary write up and finalization of thesis
<b>July</b>	Doubts taken of difficult topics		Doubts taken of difficult topics		Doubts taken of difficult topics	Doubts taken of difficult topics		Submission of dissertation

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remedies.  
study of the

- a) Single dart series.  
b) Two dart series.

silhouettes.

\*Grading of the basic

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2021-22 Name of the teacher: - Ms. Chandana Rajput Department: - Clothing & Textiles

Semester: - Odd semester (September 2021- February 2022)

CLASS	B.Sc Home Science 1 <sup>st</sup> Sem	B.Sc (FD) 1 <sup>st</sup> sem	Post Graduate Diploma (FD)1 <sup>st</sup> Sem	Post Graduate Diploma (FD)1 <sup>st</sup> Sem	M.Sc (CT) 1 <sup>st</sup> sem
Subjects	Introduction To clothing and Textiles (Th)	Garment Construction ( Th)	Pattern Making -I	CAD-I	Pattern Development (Pr)
September ,2021	*Classification of textile fibers *General Fiber Properties  *Manufacturing Process and properties of natural cellulosic fibers: Cotton & Linen	*Terminology  *Tools and equipments used in clothing construction	*Preparation of the basic pattern for the following. a) Female adult's bodice block and sleeve block. b) Basic Skirt. *Adaptation of skirt block to:- A-line Flare, Added Flare, Gored skirt, Pegged skirt, Skirt with yoke, Tiered Skirts, Pleated skirt, Godet, Wrap skirt, Circular skirt	*Introduction to the tools of Corel Draw software. *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.	*Measuring anthropometric parameters. *Manipulation of basic darts in the bodice into- •Multiple darts •Princessline •Contouring Patterns: Off shoulder & Wrap *Style reading of the given five designs.
October 2021	*Manufacturing Process and Properties of natural proteinic fibers: Wool & Silk	*Sewing Machine:Its parts and their functions. *Common sewing machine problems and their remedies. *A brief study of the following:-Basting & Hemming, Seams & Seam finishes:	*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.	*Illustration of a front profile of fashion model figure.  *Draping the fashion figure in different silhouettes.	*Designing, style reading and pattern development of the following- •Skirts: Godet, Gore and Circular •One piece dress with halter neck *Grading of the basic patterns : Bodice block & Sleeve block
November 2021	*Terminology of Clothing	*Tucks Darts	*Addition of fullness through	*Study the different tools of Photoshop.	*Draping of Upper garment-

(Mid-Term Exam	*Tools and equipments used in clothing construction:	Gathers & Shirring Pleats Frills and Flounces Ruffles Plackets	a) Conversion and relocation of dart. b) Additional fullness. *Dart Manipulation in Countered Patterns: a) Halters b) Off-Shoulder	*Redesigning a costume of a scanned fashion figure using tools of Photoshop. *Designing a mood board according to the selected theme.	•Top with princess line •Top with cowl  *Draping of Yokes- Fitted Midriff & Bodice Yoke
December 2021	*Sewing machine - parts and functions, attachments problems and their remedies	*Pockets Trimnings Fasteners	Assignment	*Creating logos and visiting cards for your own label.	*Draping of Flared skirt

*Chandana Koppant*

**GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH**

Session: - 2021-22 Name of the teacher: - Ms. Chandana Rajput Department: - Clothing & Textiles

Semester: - Even semester (March 2022- June 2022)

CLASS	B.Sc (Home Science) 2 <sup>nd</sup> sem	B.Sc (Fashion Designing) 4 <sup>th</sup> sem	B.Sc (Home Science) ATD 6 <sup>th</sup> Sem	B.Sc (Fashion Designing) 6 <sup>th</sup> sem
Subjects	Introduction to Clothing and Textiles (Th)	Pattern Making (Prac) (Group-A & B)	CAD-II	Pattern Making (Prac) (Group-A & B)
March, 2022	*Manufacturing process and properties of Man-made fibers :  Regenerated Cellulosic Fibers <ul style="list-style-type: none"> <li>• Viscose Rayon</li> <li>• Acetate</li> </ul>	*Drafting of adult bodice block and sleeve block.  *Preparation of muslin pattern and test fit.  *Dart manipulation (slash Spread Techniques, Pivotal) - Single Dart	*Detailed study of different tools of Photoshop.  *Creating textile prints by using different placements.	*Draping of the following:- Front and Back basic bodice block
April, 2022	*Manufacturing process and properties of Man-made fibers Synthetic Fibers <ul style="list-style-type: none"> <li>• Polyester</li> <li>• Nylon</li> </ul>	*Dart manipulation (slash Spread Techniques, Pivotal) - Two Dart	*Designing a mood board according to the selected theme.	*Draping of the following:- Top with Princess line Basic skirt front and back
May, 2022 (Mid- Term Exam)	*Factors affecting selection of clothing	*Classic Princess styleline Armhole Princess	*Detailed study of different tools of Tuka Design.	*Draping of the following:- Basic skirt front and back
June 2022	*Clothing for different age groups with special reference to fabrics, colours, style and details:	*Project: Blouse with princess seam line.	*Drafting of Child's Bodice Block with Sleeve.	*Draping of the following:- Skirt with flare

*Chandana Rajput*

Session: 2021-22

Name of the teacher: Ms. Akshata Verma Department: FRM Semester: Term 1 (Jul-Dec 2021)

CLASSES	B.Sc. Home Science (IDRM 6 <sup>th</sup> Sem)				B.Sc. Home Science (IDRM & Composite 6 <sup>th</sup> Sem)
Subjects	BMCT-I	WPD-I	Furniture Design & Interior Graphics	Fundamentals of AutoCAD	Ergonomics and Household Equipment
Month 1	<u>Unit 1: Concrete:</u> types, properties, uses <u>Unit 2: Brick masonry:</u> types of bonds, brick walls, decorative brick work in interiors	<u>Unit 1: Illumination:</u> importance, types- general, task & accent lighting. Illumination sources- characteristics. Lighting fixtures & selection criteria. Lighting arrangement in a building.	<u>Unit 1:</u> Furniture, importance of furniture designing. Properties of good furniture, selection criteria. <u>Unit 3: Upholstered furniture:</u> materials & techniques.	<u>Basic commands:</u> create new dwg., layer- applications, open new dwg, exiting dwg, save/ save as/ quit/ close/ exit. <u>Drawing commands:</u> poly line, arc, ellipse, polygon, rectangle, SP line, circle, hatch, donut. Practice sheets	<u>Unit 1: Concept of ergonomics:</u> introduction, importance, scope <u>Unit 3: Household equipment:</u> importance, selection factors <u>Unit 4: Kitchen Utensils &amp; Tools:</u> classification of utensils, type of tools
Month 2	<u>Unit 1: (contd.) Cement:</u> types, properties, uses <u>Unit 3: Stones:</u> types, properties, uses in interiors & exteriors	<u>Unit 2: Thermal Environment:</u> Importance, sources & effect of heat & cold on human body. Factors affecting thermal environment. Ways to secure thermal environment in building.	<u>Unit 2: Classification of furniture:</u> beds, sofas, chairs, tables & desks, storage units, screens, outdoor furniture, built-in furniture. Principles of furniture arrangement.	<u>Viewing existing dwg:</u> Redraw, regen all, regen auto, view <u>Modifying existing dwg:</u> Undo/ redo, oops, trim, move, offset, rotate, array, stretch, divide, champher, erase, break, copy, mirror, change, extend, explode, blip mode, scale, fillet. Practice sheets	<u>Unit 1: (contd.) Elements of ergonomics:</u> work & work place, anthropometry & biomechanics, human factors <u>Unit 2: worker's consideration in work place design:</u> anthropometry, work habits, work postures, equipment & clearance space <u>Unit 4: (contd.) Cleaning, Care &amp; Selection:</u> kitchen utensils and tools
Month 3	<u>Unit 2:(contd.) Tiles:</u> types, properties, uses in interiors & exteriors <u>Unit 4: Timber &amp; Plastics:</u> types, properties, uses, seasoning & defects in timber	<u>Unit 3: Ventilation:</u> Necessity, types, advantages, disadvantages, methods of achieving mechanical ventilation in a building.	<u>Unit 3: (contd.)</u> Wooden furniture: process of manufacturing. Joints and their applications. <u>Unit 4: characteristics of materials used for furniture:</u> woods, metals, glass, plastic & PVC, bamboo, marble, cane, wrought iron	Making & inserting blocks, dimensioning and text  Practice sheets	<u>Unit 2: (contd.) Principles of arranging work area in home ergonomically</u> <u>Unit 3: (contd.) Materials used in HE:</u> aluminum, steel, stainless steel, copper, plastic, heat resistant glass
Month 4	<u>Unit 4: (contd.) Timber based products:</u> properties and uses: commercial plywood, block board, particle board, teak ply board, laminates	<u>Unit 4: Principles of air conditioning:</u> types, uses, essentials of air conditioning.	<u>Unit 4: Furniture finishes:</u> Types, Characteristics and application techniques	Practice sheets	<u>Unit 1: (contd.) Functional design:</u> applications <u>Unit 4: Finishes:</u> applied and mechanical
Month 5	Revision Assignments	Revision Assignments	Revision Assignments	Practice sheets Revision	Revision Assignments

*Aneela*

Session: 2021-22

Name of the teacher: Ms. Akshata Verma Department: FRM Semester: Term 2 (Jan-Jun 2022)

CLASSES	B.Sc. Home Science (IDRM 6 <sup>th</sup> Sem)				B.Sc. Home Science (IDRM & Composite 6 <sup>th</sup> Sem)
Subjects	BMCT-II	WPD-II	Sustainable Buildings	Advanced AutoCAD	Consumer Education
Month 1	<u>Unit 1: Flooring</u> Types, properties, uses: mud, brick, cement, terrazzo, wood, metals, tiles, resilient flooring, mosaic, marble, granite, hard & soft floor <u>Unit 2: Roofs: types- flat &amp; pitched roof</u>	<u>Unit 1: Thermal Insulation:</u> concept, necessity, principles, materials for insulating, insulation techniques	<u>Unit 1: Sustainable buildings:</u> introduction, concept, importance, benefits <u>Unit 3: Methods of achieving sustainable design:</u> resource conservation- energy, water, material	Plotting Drawings: Plot command, selecting area for plotting, scale of plot, scale to fit, selecting plotting device, selecting paper size and type, print preview  Practice sheets	<u>Unit 1: Consumer education:</u> meaning, need, wise buying practices <u>Unit 2: Consumer rights &amp; responsibilities</u>
Month 2	<u>Unit 3: Metals-</u> types, properties, uses <u>Unit 4: Paints:</u> types, characteristics, defects in painting, techniques	<u>Unit 2: Sound Insulation:</u> concept, importance, types of insulating material, defects due to reflected sound	<u>Unit 2: Principles of sustainable design:</u> economy of resources, life cycle design, humane design	3d Modelling: Extrude section, slice, solid editing, rendering, shading, hide command, import-export  Practice sheets	<u>Unit 2: (contd.) Consumer protection through consumer aids:</u> Labels, catalogues, advertisement, guarantee/warranty <u>Unit 3: Consumer protection through certification marks-</u> PFA, FPO, ISI, Agmark
Month 3	<u>Unit 1:(contd.) Flooring:</u> floor coverings <u>Unit 2: (contd.) Treatments:</u> POP, PVC, wooden, glass	<u>Unit 3: Secure Building Design:</u> necessity, ways of monitoring & surveillance in building	<u>Unit 3: (contd.) Sustainable construction material, planning &amp; designing sustainable building</u>	Practice sheets	<u>Unit 3: (contd.) Consumer protection through certification marks-</u> Hallmark, ecomark, woolmark
Month 4	<u>Unit 3: (contd.) Glass &amp; Plastics-</u> types, properties, uses <u>Unit 4: (contd.) Plastering:</u> types, defects, its repair, curing, finishes	<u>Unit 4: Fire safety:</u> need, characteristics, fire detection, extinguishing system, role of designer in fire safety	Unit 4: Indian Green Building Council (IGBC): green rating system in India	Practice sheets	Unit 4: Role of govt. agencies in consumer affair: DMI, BIS, Food adulteration act, MRTP act, FSSAI, Controller of weights and measures
Month 5	Revision Assignments	Revision Assignments	Revision Assignments	Practice sheets Revision	Revision Assignments

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# Govt. Home Science College, Sector-10, Chandigarh

Teacher Name:- Gaurav kalra  
Session:- 2021-2022

Department:- English  
Semester – I

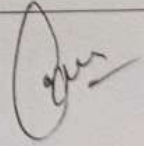
Class	B.Sc. Home Science	B.Sc. Fashion Designing
<b>Subject</b>	English Language and Communication Skills	English
<b>Sept</b>	Introduction to Literature, Discussions about Poetry written in Hindi, Punjabi and English Languages, Discussion on Unit-I (Poetry) Song-36 From Gitanjali Discussion on Unit-I (Prose) Spoken English and Broken English, Letter Writing (Formal Letter)	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
<b>Oct</b>	Presentations of the Students , Discussion on Unit-II (Poetry) From Homecoming Discussion on Unit-II (Prose) Principles of Good Writing , Template Paragraph Writing with Examples Revision of the Unit- I (poetry) and Unit-I (Prose)	Revision of the Chapter The Judgement Seat of Vikramaditya and  Discussion on the Chapter Engine Trouble  Presentation of the Students
<b>Nov</b>	Revision of the Chapters and Class room Test Discussion on Unit-III (Poetry/) Myriad Winged Bird  Exam(Terminal)	Revision of the Chapters and Class room Test Discussion on the Chapter The Conjuror's Revenge Modern Forms of Communication Exam(Terminal)
<b>Dec</b>	Discussion on Unit-III (Prose) The Conjuror's Revenge , Introduction to the poem I know why the caged Bird Sings	Introduction to the lesson The Rising of the Moon (lady Gregory) Practice of Match the following based on the Prescribed lessons
<b>Jan `22</b>	Discussion on Martin Luther King Jr. speech I have a Dream	Discussion on Waterloo ( Arthur Conan Doyle) Revision of Prose and Drama
<b>Feb`22</b>	Final Exam	Final Exam

## Govt. Home Science College, Sector-10, Chandigarh

Teacher Name:- Gaurav kalra  
Session:- 2021-2022

Department:- English  
Semester – II

Class	B.Sc. Home Science- Sem-II	B.Sc. Fashion Designing Sem II
Subject	English Language and Communication Skills	English I
Mar	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
Apr	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 Precis Writing with examples
May	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)
June	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
July	Revision of the Poems and Prose Homophones with Examples	Discussion on the play Lithuania Unseen passage for Comprehension
Aug	Final Exam	Final Exam



GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2021-2022

Name of the teacher:- Dr. Reenu Department:- Chemistry Semester:- Term 1 (Sep 2021 – Feb 2022)

CLASSES	B.Sc. Home Science (Semester III)	B.Sc. Home Science (Semester V)	B.Sc. Foods & Nutrition (Semester III)
Subjects	Applied Chemistry I	Nutritional Biochemistry I	Dissertation
September	<p><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</p>	<p><u>Unit I</u>  <u>Chapter 1:</u> Carbohydrates :Definition, classification, structure &amp; importance, Monosaccharide – glucose, fructose, galactose, Disaccharides – maltose, lactose, sucrose, Polysaccharides – Dextrin, starch, glycogen  <u>Chapter 2:</u> Proteins: Definition &amp; classification- Fibrous, Globular, Inter-membrane; Conjugated Levels of Protein structure- primary, secondary, tertiary, quaternary, Denaturation of proteins, Amino acids-Common structural features, Peptide bond, essential and non-essential                      Doubts and Assignments.</p>	Selection of Data Set for Computation
October	<p><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&amp; simple picture based on electron- dot picture) eg:O<sub>2</sub>,HCl,Cl<sub>2</sub>, CaO, NH<sub>4</sub> + ,H<sub>3</sub>O + , MgF<sub>2</sub>, CH<sub>4</sub>,C<sub>2</sub>H<sub>4</sub>, C<sub>2</sub>H<sub>2</sub>, ,H<sub>2</sub>O ,H<sub>2</sub>NH<sub>3</sub>  <u>Chapter 4:</u> Elementary idea about normality, formality, molarity, strength of solution, mole fraction and ppm, What are solutions.                      Doubts and Assignments.</p>	<p><u>Unit II</u>  <u>Chapter 3:</u> Lipids: Definition, classification, types and properties (no structures): Essential Fatty acids, Characteristics of fatty acids and fats (saponification, iodine and acid values). Rancidity of fats, melting point and smoking point of fats Phospholipids, Glycolipids &amp; their importance  <u>Chapter 4:</u> Lipoproteins &amp; Ketone bodies: Classification and structure of lipoproteins-Types (Chylomicrons,VLDL, LDL, HDL) &amp; composition, Role of lipoproteins in health &amp; disease Basic concept of Ketone bodies, Ketosis, Fatty liver                      Doubts and Assignments.</p>	Computational Calculations of selected Data Set
November	<p><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 &amp; detergents. Their Cleansing action.  <u>Chapter 7:</u> Fire extinguishers – Types &amp; Uses.                      Doubts and Assignments.</p>	<p><u>Unit-III</u>  <u>Chapter 5:</u> Vitamins: Brief descriptive biochemical role of fat soluble vitamins A, D, K &amp; E, Brief descriptive biochemical role of water soluble vitamins – B<sub>1</sub>, B<sub>2</sub>, B<sub>6</sub>, niacin and C  <u>Chapter 6:</u> Minerals:Biochemical role &amp; Pathophysiology- Ca, Na, K, Mg, S, Fe, Zn, I, Se                      Doubts and Assignments.</p>	Computational Calculations of selected Data Set
December	<p><u>Unit-IV</u>  <u>Chapter 8:</u> Properties and uses of Methane (CH<sub>4</sub>)  <u>Chapter 9:</u> Properties and uses of ethylene (C<sub>2</sub>H<sub>4</sub>)  <u>Chapter 10:</u> Properties and uses of Acetylene (C<sub>2</sub>H<sub>2</sub>)                      Doubts and Assignments.</p>	<p><u>Unit-IV</u>  <u>Chapter 7:</u> Introduction to genetic control of metabolism (elementary aspects) Nucleic acids- types, purines &amp; pyrimidines, Nucleoside, Nucleotide Watson &amp; Crick model of DNA structure, Denaturation, DNA Replication  <u>Chapter 8:</u> Basic concepts of Transcription, Genetic code, Translation                      Doubts and Assignments.</p>	_Analysis of Results obtained
January	Assignments and revision tests	Assignments and revision tests	Formulation of Introduction of Dissertation thesis

*Reenu*

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2021-2022

Name of the teacher:- Dr. Reenu Department:- Chemistry Semester:- Term II (Mar 2022 – June 2022)

CLASSES	B.Sc. Home Science (Semester IV)	B.Sc. Home Science (Semester VI)	B.Sc. Foods & Nutrition (Semester II)	B.Sc. Foods & Nutrition (Semester IV)
Subjects	Applied Chemistry II	Nutritional Biochemistry II	Dissertation	Dissertation
March	<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.	<u>Unit- I</u> <u>Chapter 1:</u> Carbohydrate metabolism: Glycolysis, gluconeogenesis, glycogenesis, glycolysis <u>Chapter 2:</u> Biological oxidation: Citric acid cycle, Electron transport chain Doubts and Assignments	Allotment of Students	Formulation of first draft of dissertation thesis
April	<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.	<u>Unit- II</u> <u>Chapter 3:</u> Metabolism Proteins – general reactions of amino acid metabolism, urea cycle, Lipids – oxidation and biosynthesis of fatty acids <u>Chapter 4:</u> Fluid (ECF, ICF), electrolyte (Na, K) and acid-base balance, Fundamentals of membrane transport – osmosis, passive diffusion, facilitated diffusion, active transport Doubts and Assignments	General research discussion and perspective	Proof reading and results rechecking
May	<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 <u>Unit-IV</u> <u>Chapter 8:</u> Polymerization and Polymers- Definition and classification.	<u>Unit III</u> <u>Chapter 5:</u> Introduction to Enzymes: Definition and classification of enzymes, Specificity of enzymes, Isoenzymes, Coenzymes, Allosteric enzymes <u>Chapter 6:</u> Enzymes: Factors affecting enzyme catalysis, Enzyme inhibition- Competitive, Non-Competitive, Uncompetitive, Feedback inhibition Doubts and Assignments <u>Unit-IV</u> <u>Chapter 7:</u> Hormones: Mechanism of action of hormones (intracellular & nuclear receptors, Pancreatic Hormones (Insulin, Glucagon-no structures), Role in blood, sugar regulation, Biological role of Pituitary hormones	Literature Survey	Review of finalized dissertation thesis
June	<u>Unit IV</u> <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	<u>Unit-IV</u> <u>Chapter 8:</u> Functions of hormones of – adrenal cortex and medulla, thyroid, parathyroid glands Doubts and Assignments Revision tests	Research Topic Discussion and Selection Making of Strategic plan to initiate research work	Finalization and submission of dissertation thesis

Reenu

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2021-22

Name of the teacher:- Dr Amit Gargan

Department:- Dance

Semester:- I<sup>st</sup> and III<sup>rd</sup>

CLASSES	B.Sc (Home Science) I <sup>st</sup> Semester	B.Sc (Home Science) III <sup>rd</sup> Semester		
Subjects	Dance (Kathak)	Dance (Kathak)		
Month 1 September	Introduction to Kathak and 2 Toras in 16 Taal.	Revision of Basics of Kathak. Introduction of Shap Taal.		
Month 2 October	Introduction of Tattas and Chakras Hast Mudras and Ten Taal.	Revision of Nagma and Todha Lagakars of Shaptaal		
Month 3 November	Practical and	Theory Exam		
Month 4 December	Introduction of Nagma and Todha Hand Movements Sakam & Aamad	Practical Demonstration of 10 Hastas Introduction of 4 Todhas of Shaptaal		
Month 5 January	Introduction of Chantal Life Sketching Pt. Uday Shankar	Introduction of Aamad Paran - Shaptaal Life Sketching Pt. Sankar Prasad.		

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 20 21-22

Name of the teacher:- \_\_\_\_\_

Department:- Dance

Semester:- II<sup>nd</sup> and IV<sup>th</sup>

CLASSES	B.Sc (Home Science) II <sup>nd</sup> Semester	B.Sc (Home Science) IV <sup>th</sup> Semester		
Subjects	Dance (Kathak)	Dance (Kathak)		
Month 1 March	Revision of Tattva- Teen Tal Introduction of Teen Tal Todha	Revision of Teen Tal Introduction of Chakarder Pagan		
Month 2 April	Introduction of Salamis & Amad Practice of Both	Introduction of Chakarder Todha & Kavut-Teen Tal Practice of Both		
Month 3 May	Practical and	Theory Exam		
Month 4 June	Introduction of Laykari in Chantal Introduction of Practice of Chantal Todha & Pagan	Introduction of Chakarder Todha- Chantal. Introduction of Practice of Chantal Pagan & Kavut		
Month 5				

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2021-22 Name of the teacher: - Mrs. Preeti Sodhi Department: - Clothing & Textiles

Semester: - Odd semester (September 2021- January 2022)

CLASS	B.Sc. FD-I Sem.	B.Sc. FD-I Sem.	B.Sc. FD-III Sem.	B.Sc. FD-III Sem.
Subjects	Garment Design (Pr.)	Basics of Design (Pr.)	Garment Design (Pr.)	Fashion Concepts (Th.)
September,2021	Sketching of Necklines ,Cuffs & Pockets	1. Different drawing tools and colouring mediums	Western wear -Casual	UNIT-I Fashion Terminology;- UNIT-II 2. Elements of Design
October,2021	Frills & flounces and cascades Belts and bows & Pleats	2. Line and its types Forms & Shapes	Western wear -Formal	UNIT-II 3. Principles of Design UNIT-III 4. Characteristics of Fashion
November,2021 (Mid- Term Exam	Practice work Sketching of Tucks & Shirring, Pleats , Gathers	Practice work 3. Creation of motifs using different forms and shapes.	Practice Work	Revision of Syllabus UNIT-III 5. Factor affecting Fashion Moment
December,2021	Plackets ,Collars	3. Creation of motifs using different forms and shapes.	Casual Indian wear & Formal Indian Wear	UNIT-IV 6. Fashion Cycle 7. Theories of origin of clothing
January,2022	Sleeves & Yokes	4. Introduction to colour	.Sports wear & Night wear	UNIT-IV 8. Length of Fashion Cycle 9. Stages of Fashion Cycle Broken Fashion Cycle

**GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH**

Session: - 2021-22 Name of the teacher: - Mrs. Preeti Sodhi Department: - Clothing & Textiles

Semester: - Even semester (March 2022- June 2022)

CLASS	B.Sc. FD-IV Sem.	B.Sc. FD-IV Sem.	B.Sc. ATD & Composite-VI Sem.	B.Sc. ATD & Composite-VI Sem.
Subjects	Fashion Illustration (Pr.)	Fashion Concepts (Th.)	Traditional Textiles (Th.)	Traditional Textiles (Pr.)
March, 2022	1. Drawing of croqui and fleshing of figure.	UNIT-I 1. Brief explanation of Fashion Trends ,Designer Boutiques ,Silhouette etc.	UNIT- I 1. Resist dyed textiles	1. Collection of swatches/photographs and study the motifs, designs of Dyed textiles
April, 2022	<ul style="list-style-type: none"> <li>• Drawing of hands, legs, feet and arms Facial proportions</li> <li>• Drawing of hair/hairstyles</li> </ul>	UNIT-II 2. Theories of fashion	UNIT- II 2. & 3. Block printed & painted textiles	2. Collection of Printed and painted textiles 3. Tie and Dye
May, 2022 (Mid- Term Exam)	Practice Work 2. Rendering of textures by using different colour mediums and techniques	Revision UNIT-III 3. Source of inspiration 4. Fashion supplies: 5. Concepts of design process	Revision UNIT- III 4. Kashmir shawls 5. Kashmir carpets	Practice Work 3. Block printing
June, 2022	3. Sketch and illustrate following accessories: Footwears & Handbags	UNIT-IV 6. Fashion forecast 7. Fashion leaders	UNIT- III 6. Namda 7. Gaba UNIT-IV 8. Traditional Woven Textiles	2. Collection of Traditional Woven Textiles 3. Stencil printing.

*Preeti*