

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH SESSION 2023-24

Name of the teacher: **Dr. Namrata Sethi** Department: **Food and nutrition**

Semester: **Term 1 (Aug-Nov, 2023)**

CLASSES	B.Sc Home Science- Sem 1	B.Sc Home Science dietetics- Sem 5	M.Sc Foods and Nutrition- Sem 3	
SUBJECTS	Introduction to foods and nutrition- 1	Fundamentals of food science-1	Clinical and therapeutic nutrition- 2	Dissertation
August	<p align="center">Unit 1</p> <p>1. Definition of food Functions of Food-physiological, psychological and social 2. Classification of food on the basis of its functions: Health, Optimum Nutrition, Malnutrition Basic terminology used in cooking Unit 2 4. Functions and sources of-Water Fiber</p>	<p align="center">Unit 1</p> <p>1. Introduction to food science: Definition, importance and applications, Basic terminology used 2. Basic Concept of: Organic foods, Genetically Modified foods Unit 2 3. Factors affecting food acceptability</p>	<p align="center">Unit 1</p> <p>1. Nutritional support- Principles and Importance 2. Types of feeding: Tube feeding, Intravenous feeding 3. Recent advances in techniques and feeding substrates</p>	<p>Synopsis</p> <p>Questionnaire preparation and finalization</p>
September	<p align="center">Unit 2</p> <p>3. 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)</p>	<p align="center">Unit 2</p> <p>3. Subjective and objective methods of evaluation, Tests for sensory evaluation 4. Food packaging: Basic types of packaging, Importance of nutritional labeling</p>	<p align="center">Unit 2</p> <p>4. Aetiopathogenesis, clinical picture, diagnostic tests, treatment, preventive aspects, lifestyle and dietary management: Cardio Vascular Disease and Atherosclerosis Ischemic Heart Disease Hyperlipidemia Hypertension</p> <p>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</p>	Data collection/ experimental work

Namrata

<p>October</p>	<p>Unit 3</p> <p>5. Objectives of cooking food</p> <p>6. Methods of cooking: Dry heat, moist heat, cooking with oil Solar cooking and microwave cooking</p> <p>7. Effect of cooking on nutrients</p>	<p>Unit 3</p> <p>5. Role of colloidal chemistry in cookery: Definition of colloidal systems, Hydrophilic and Hydrophobic colloids</p> <p>6. Role of colloidal chemistry in cookery: Gel - Formation and uses in cookery, Emulsions - types of Emulsion and uses in cookery, Foams - Formation and factors affecting foam formation and uses in cookery</p>	<p>Unit 3</p> <p>6. Aetiopathogenesis, clinical picture, diagnostic tests, treatment, preventive aspects, lifestyle and dietary management: Gout Arthritis Osteoporosis</p> <p>7. Etiology, clinical features and dietary management Burns Surgery Stress and trauma</p> <p>Unit 4</p> <p>10. Nutritional management: Space travel, High altitudes</p>	<p>Data collection/ experimental work</p> <p>Data entry and analysis</p>
<p>November</p>	<p>Unit 4</p> <p>8. Meal planning: Fundamentals of meal planning Factors affecting meal planning</p> <p>9. Food safety: Basic concept of food adulteration Introduction to food safety laws (PFA, BIS, HACCP, ISO, ISI, FPO, FSSAI)</p>	<p>Unit 4</p> <p>7. Food adulteration: Basic concept of adulteration, Types of adulterants, Common methods for detecting adulterants</p> <p>8. Food quality assurance: Concept of national and international food laws – FSSAI, Codex and ISO Concept of quality assurance practices – TQM, GRAS, HACCP</p>	<p>Unit 4</p> <p>8. Diabetes Mellitus</p> <p>9. Concept of: Glycemic Index, Glycemic Load Nutritional significance of Dietary Fiber – Types, sources, role and mechanism of action</p>	<p>Write up - Introduction Methodology Review of literature</p>

Pravata

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- August 2023- November 2023

Name of the teacher:- Dr. Uttara Singh Department:- Foods and Nutrition Semester:- I,III,V

CLASSES	B.Sc. Home Science 5 th semester Dietetics and Composite	M.Sc. Foods and Nutrition 3 rd semester	B.Sc. Home Science 5 th semester Dietetics	PG Diploma Nutrition and Dietetics	M.Sc. Foods and Nutrition 3 rd semester
Subjects	<u>Nutritional Management in Health and Disease-I</u>	<u>Food Service Management</u>	<u>Community Nutrition and Public Health-I</u>	<u>Public Health Nutrition-I</u>	<u>Dissertation</u>
August	.Role of doctor, dietitians, and paramedical Etiology, dietary and lifestyle management of gastric, flatulence	Concept and Evolution of the food service industry. Types of Food Service Preparation for service Food Service Organization and Management	. Nutritional status, surveillance. . group method nutritional education. . anemia NNAPP	. community concept- types and factors affecting . aim and scope and content of public health . role in national development. . nutrition and infection	Synopsis Questionnaire preparation and finalisation
September	Hyperacidity Diarrhea, constipation . energy modifications overweight, underweight,	Unit-2 Principles and functions of management Quantity Food Production: Production planning and control	. zinc deficiency . PEM . nutrition education.	.epidemiological Trait and factors of malnutrition. . nutritional measures to overcome malnutrition.	Data collection/ experimental work
October	Ulcerative colitis, IBS, Hemorrhoids	Human Resource Management Training Importance, Principles, On the Job Training Performance Appraisal: Importance, Methods, Limitations	. Vitamin D deficiency . Measures and prevents	. nutrition surveillance and education, group, media techniques.	Data collection/ experimental work Data entry and analysis
November	fever- acute , chronic steatorrhea revision, tutorials	Financial management Food cost analysis	Iodine deficiency	. Food security and National and international agencies engaged in food.	Write up - Introduction Methodology Review of literature

Uttara Singh

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2023-2024

Name of the teacher: - Dr. Vasudha Bansal

Department: - Foods and Nutrition

Semester: - 1st term (Aug 2023- Nov 2023)

CLASSES	M.Sc., FOODS AND NUTRITION SEMESTER-1	PG DIPLOMA NUTRITION AND DIETITICS		M.Sc. FOODS AND NUTRITION SEMESTER-3		B.Sc. HOME SCIENCE SEMESTER-3	B.Sc. HOME SCIENCE 5 TH SEM
Subjects	NUTRITIONAL BIOCHEMISTRY	INTRODUCTION TO MICROBIOLOGY	NUTRITIONAL BIOCHEMISTRY	DISSERTATION	FOOD MICROBIOLOGY AND QUALITY CONTROL	APPLIED NUTRITION	INSTITUTIONAL FOOD SERVICE AND QUALITY MANAGEMENT
AUGUST	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.	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	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	Selection of topic	UNIT-1 History of food microbiology, morphology of bacteria, yeast and fungi Role of microorganisms in foods Factors affecting physiological growth of microorganisms	UNIT-1 Concept of nutrition transition, RDA UNIT-2 Classification, digestion, absorption, RDA, deficiency and excess: carbohydrates	Unit-1 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.

Vasudha

SEPTEMBER	<p>UNIT-2 Protein metabolism: Urea cycle, biosynthesis of proteins, genetic code Lipid metabolism: Fat metabolism, oxidation and biosynthesis of lipids, ketone bodies UNIT-3 Enzyme inhibition and regulatory enzymes, regulatory enzymes: covalent and allosteric</p>	<p>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. Use of high and low temperature, irradiation, dehydration and preservatives</p>	<p>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</p>		<p>UNIT-2 Food spoilage: milk, bread canned foods, vegetables, fruits, meat, eggs, fish Physical and chemical means for destruction of microbes</p>	<p>UNIT-2 Proteins: Digestion, absorption, digestion PDA, deficiency and excess. Concept of essential and non-essential amino acids. UNIT-3 Fats: classification, digestion, absorption, RDA, deficiency and excess</p>	<p>Unit-2 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. Preparation, packaging and selling of the same.</p>
OCTOBER	<p>UNIT-3 Enzymes: classification and factors affecting, derivation of Michaelis- Menten, Lineweaver- Burk equation</p>	<p>UNIT-4 Contamination and spoilage of: Cereals, fruits and vegetables, meat, egg, milk and canned foods</p>	<p>UNIT-3 Hormones: Introduction, mechanism and biological role of insulin and glucagon</p>	synopsis	<p>UNIT-3 Importance of microbes in food biotechnology: GMO, prebiotic probiotic and single celled proteins</p>	<p>UNIT-3 Fat soluble vitamins: A, D, E, K</p>	<p>Unit-3 Physical plant: <input type="checkbox"/> Location <input type="checkbox"/> Floor plans <input type="checkbox"/> Space <input type="checkbox"/> Kitchen units <input type="checkbox"/> Storage units <input type="checkbox"/> Serving units <input type="checkbox"/> Dish washing units Equipment : Types of equipment as per the size and type of establishment ,Factors affecting choice of equipments-utility of</p>

						<p>design, ease of installation, functionality and maintenance.</p> <p>Practical- >Standardization and preparation of – Snacks-laddoos, mathari >Procuring and executing orders for the above item. Preparation, packaging and selling of the same.</p>	
NOVEMBER	<p>UNIT-4 Nucleic acids: DNA and RNA Metabolism of nucleic acids Biochemical mode of action of hormones.</p>	<p>UNIT-4 Microbiological safety of foods</p>	<p>UNIT-4 Vitamins – biochemical role Vitamins: fat soluble and water soluble Minerals- macrominerals and microminerals</p>		<p>UNIT-3 Application of food microbiology UNIT-4 Food borne illness: food infection and food poisoning, Assessing the microbiological quality of food</p>	<p>UNIT-4 Water-soluble vitamins Minerals: calcium, iron and iodine</p>	<p>Unit-4 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.</p>

Darsh

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2023-24

Name of the teacher:- Dr. Bhavneet Kaur

Department:- Foods and Nutrition

Semester:- 1B3 (August 23- November23)

CLASSES	BSc. Home Science	PG Diploma 1		MSc. Foods and nutrition(1 st semester)	MSc. Foods and nutrition(3 rd semester)
Subjects	Physiology and promotive health	Institutional Food Service Management	Human Physiology	Human Physiology	Dissertation
August	Unit-1 Blood: Composition of blood Cardiovascular System Unit-2 Digestive system: Structure	Unit-1 Introduction to food service institutions Unit-2 Food Service Management Approaches to management , Practical Cafeterias	Unit-2 Digestive system Excretory System	Unit-1 Blood : Composition of blood Cardiac cycle and cardiac output Unit-2 Respiratory system: Excretory System:	Synopsis Development of questionnaire and finalization.
September	Unit-2 Functions and digestion of food Respiratory System: Unit-3 Personal Hygiene: Need for personal hygiene and personal hygienic habits	Unit-2 Management Tools of management Practical- Hospital visit	Unit-1 Cell structure. Blood and Cardiovascular System	Unit-1 Immunology and Nutrition Cell mediated and humoral immunity – impact of malnourishment. Innate immunity	Data collection
October	Unit-3 Personal sanitary practices Unit-4 Concept of health, disease and its prevention.	Unit-3 Institutional meal planning Food purchase and storage Practical- Cafeterias	Unit -3 Endocrine System: Reproductive System	Unit-3 Digestive System: Functions and regulation of the salivary glands, stomach, pancreas, liver and the intestines. Endocrine System:	Data collection
November	Types of parasites and their modes of transmission Concept of public health and disease Waste management:	Unit-4 Food production Cooking techniques Practical- Cafeterias	Respiratory System Nervous System Autonomic Nervous System Concept of neurotransmitters	Unit-4 Reproductive System: Structure and function of male and female sex glands and organs.	Data entry

Name of the teacher:-Dr Shikha Garg Department:- Human Development & Family Relations Semester:-August to December 2023

CLASSES	B.Sc. H.Sc. HIFDR 5 th Sem	B.Sc. H.Sc. HIFDR 5 th Sem	B.Sc. H.Sc. HIFDR 5 th Sem	B.Sc. H.Sc. HIFDR 5 th Sem	PGDCGFC Sem I	M.Sc. Home Science HIFDR 1 st Sem	M.Sc. Home Science HIFDR 3 rd Sem	M.Sc. 3 rd 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)	Assessment in human development (Theory)	Principles of Development (Theory)	Dissertation
Month 1	- Meaning of children with special needs. -Types of exceptional children.	-Prepare a display related to assistive devices	-Visit to any centre for children at risk and carry out at least five sessions of activities	An overview of children at risk. a. Victims of Physical Abuse/ Emotional Abuse/ Moral and Spiritual Abuse.	-Planning and organizing a guidance and counseling programs	- Concept of testing and measurement, tools of psychological assessment, ethics and professional issues	Understanding assumptions for the study of development -Salient dimensions of life trajectories Pathways and repairs in Developmental Tasks.	Dissertation
Month 2	-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 -prepare a display	Brief description of children in the following risk situations	Planning and organizing a guidance and counseling program for:	-Scales of measurement, norms concept of norms, types of norms, reliability –validity Relation between reliability and validity.	- Physiological Development: Structure of Nervous system and Brain - Role of genetics and Behavior, Patterns of genetic inheritance, Genetic principles and Deviations	Dissertation
Month 3	- Problems of children with special needs.	- Visit any three institutions and prepare a critical report of the same	-Collect newspaper clippings related to programmes, policies, issues and facilities concerning children at risk.	Working children Factors leading to child labour. -Ways of eradication of child labour in India. Programmes and policies -	-Applying different guidance and counseling techniques for generating awareness on child and family well being issues.	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 leading to identity	Dissertation
Month 4	- Problems of parents having children with special needs.	-Prepare a booklet with samples of work done by children with special needs. Plan and conduct ten recreational activities	-Conduct a case study of any child working in risk situation. -Carry out a focused group discussion.	Conventions on the rights of the child. -Recommendations for government bodies, NGO's and activists to help children at risk.	Institutional visits and critical evaluation of guidance and counseling centers being run currently in and around the city.	-Hypothesis and its testing, techniques of evaluation with reference to intelligence, personality, aptitude and adjustment.	-Interactional process in development: Nature and Nurture Interplay, Cultural Organization of Human Development -Outcomes of Development	Dissertation
Month 5	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Dissertation

Shikha

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2023-2024

Name of the teacher:-Mrs Nupur Bhatnagar Department:- Human Development & Family Relations Semester:-August to December 2023

CLASSES	B.Sc. H.Sc. 1st Sem	B.Sc. H.Sc. HDER 1st Sem	M.Sc 1st Sem	M.Sc 3rd Sem	M.Sc 3rd Sem	M.Sc 3rd Sem	P.G. Diploma in Child Guidance & Family Counselling 1st Sem	M.Sc 3rd Sem
Subjects	Introduction to Human development-1	Introduction to Human development-1	Early Childhood care and education (Th)	Women Empowerment (Th)	Women Empowerment (Pr)	Programme Planning & Placement in Child Welfare agencies (Pr)	Counselling Techniques and Applications I	Dissertation
Month 1	Concept of Human Development, Stages of HD	Observation method	Principles of ECCE Importance, Need and Scope ECCE in India	Changing Role and Status of Women Theories of Feminism	Panel Discussion	Preparing AV Aids Visit to centres Placement twice a week	Professional ethics in counseling Making of a Counsellor	Dissertation
Month 2	Scope of HD Linkage of HD with other fields	Observation of Infant	Objectives of ECCE Types of Preschool programs	Meaning, Concept, Nature, Objectives Reality of Women Empowerment	Case study on women	Preparing a resource unit file on the basis of playway method Placement twice a week	Group techniques in counseling Counselling for Drug Abuse	Dissertation
Month 3	Concept of Growth and development Influence of heredity on human growth and dev	Preparation of poster on any topic of HD Preparation of slogan on any topic of HD	Concepts of non formal, formal, playway methods Historical trends Contribution of Agencies to ECCE in India	Education of women Working women in India	Visit to Women welfare agencies	Placement twice a week	Counselling for children in difficult circumstance Counselling for Child Abuse	Dissertation
Month 4	Influence of environment on human growth and dev Influence of environmental deprivation and stimulation on growth and development	Interview method Interview of mothers related to feeding and weaning practices	Organisation of preschool Centres Program Planning Activities for ECCE	Constitutional and other legal provisions for women empowerment Role of National Commission for Women and other agencies	Display on women empowerment and documenting reports from media related to facilitation of women	Placement twice a week	Counselling for HIV AIDS/ Terminal illness Counselling in crisis situation, terrorism	Dissertation
Month 5	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Recapitulation	Dissertation

Nupur

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: -2023-2024

Name of the teacher: - Dr. Shabana

Department: - Economics

Semester: - Term I

(July 2023-November-2023)

CLASSES	B.Sc. Home Science (Semester-V)	B.Sc. Home Science (Semester-V)	M.Sc. Home Science 1 st semester	M.Sc. Home Science 1 st semester	M.Sc. Home Science 1 st 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 Need and importance of enterprises	Unit-I 1. Entrepreneurial economics importance Entrepreneurship and importance 2. Entrepreneurship and role in economic development Intrapreneurship and its importance	1. Preparation of project report of small enterprises cottage industries/startups. Putting up stalls	-----	-----	Synopsis. Questionnaire and other preparations
Month 2	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- 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 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	Basics of Excel- data entry, editing and saving, establishing and copying a formula.Functions in excel, copy and paste and exporting to MS word document	Data collection/experimental work, Data entry and analysis
Month 3	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 and review of literature
Month 4	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

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Teacher Name: Gaurav Kalra

Department: - English

Session: - 2023-2024

Semester-I

Class	B.Sc. Home Science Sem-I	B.Sc. Fashion Designing Sem-I
Subject	English Language and Communication Skills	English I
July	Introduction to Literature, Discussion 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, Discussion about Poetry written in Hindi, Punjabi and English Languages Discussion on the Chapters, The Judgement Seat of Vikramaditya and What is Communication and Types of Communication? Notice Writing with Examples
Aug	Presentation of the Students, Discussion on Unit-II (Poetry) From Homecoming Discussion on Unit-II(Prose) Principles of Good Writing, Template of Paragraph Writing with Examples Revision of Unit-I (Poetry) And Unit-I(Prose)	Revision of the Chapters, The Judgement Seat of Vikramaditya and What is Communication and Types of Communication? Discussion on the Chapter Engine Trouble Presentation of the Students
Sept	Revision of the Chapter and Classroom Test Discussion on Unit-III (Poetry) Myriad Winged Bird	Revision of the Chapter and Classroom Test Discussion on the Chapter The Conjour's Revenge
Oct	Discussion on Unit-III(Prose) The Conjour's Revenge, Introduction to the Poem I Know Why the Caged Bird Sings Exam (Terminal)	Introduction to the lesson The Rising of the Moon (Lady Gregory) Exam (Terminal)
Nov	Discussion on Martin Luther King Jr. Speech I have a Dream	Discussion on Waterloo (Arthur Conan Doyle)
Dec	Revision of the Chapters (Prose and Poetry) Final Exam	Revision of the Chapters (Prose and Drama) Final Exam

Gaurav Kalra

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2023-2024

Name of the teacher: - Mrs. Mona Soin

Departments: - Physics and Physical Education

Semester: - I & III (August 2023 to December 2023)

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
July 2023	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,	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
August 2023	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. 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]To verify the first law of transverse vibrations in a stretched string using sonometer 3]To verify the second law of transverse vibrations in a stretched string using sonometer	Athletics: Brief knowledge of track and field events, Marking of Athletic Track Unit II - Field Events: Jump- Long Jump [a] Dimensions[b] Techniques [c] Fouls	Short Distance Races (including relay race) [a] Technique for start, finishing and during running in a race. [b] General fouls in track events.
September 2023 [Mid Term Exams	Unit-III -Define – Periodic motion, Oscillatory motion, Vibration, Oscillation, Time period, Frequency, Amplitude, Wave motion and Wave length, Types of Waves-Mechanical, Electromagnetic and Matter Waves (Definitions), Brief idea about types of Mechanical wave motion-Transverse and Longitudinal wave motion, Essential conditions for transverse and longitudinal waves to travel through a medium, Difference between transverse and longitudinal wave motion,	4]Measurement of room temperature and high temperatures of a liquid in °C and to convert the temperature to °F Revision	Races - 100mt., 200 mt., 400mt., 400mt. relay race Unit III - Anyone game from the following games: [a] Badminton [b] Kho- Kho [c] Volleyball	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.
October 2023	Unit III- Definitions of Crest, Trough, Compression, Rarefaction 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	5]Measurement of temperature of human body in °F and to convert the temperature to °C 6]To find velocity of sound at 0°C using first resonance position and by applying end correction	[d] Yoga - Various Yoga Asanas Unit IV - Brief knowledge of Common Wealth Games and current national records in Athletics , Knowledge of prominent players of the games in syllabus	Unit III - Anyone game from the following games: [a] Badminton [b] Kho- Kho [c] Volleyball [d] Yoga – Various Yoga Asanas
November 2023	.Unit IV-. 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	7]To find velocity of sound at 0°C using two resonance positions Revision	Games, Athletics, Aerobics, Yoga, Revision	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, Revision

Mona

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2022-2023

Name of the teacher:- Dr. Reenu Department:- Chemistry Semester:- Term 1 (July 2023 – Dec 2024)

CLASSES	B.Sc. Home Science (Semester III)	B.Sc. Home Science (Semester VI)	M.Sc. Foods & Nutrition (Semester III)
Subjects	Applied Chemistry I	Nutritional Biochemistry I	Dissertation
July - August	<p><u>Unit I</u></p> <p>Chapter 1: Symbols formulae, valency and variable valency, elementary idea of empirical formula and molecular formula, Definition of atomic weight and molecular weight, Mole Concept</p> <p>Chapter 2: 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.</p> <p>Doubts and Assignments</p>	<p><u>Unit I</u></p> <p>Chapter 1: Carbohydrates: Definition, classification, structure & importance, Monosaccharide – glucose, fructose, galactose, Disaccharides – maltose, lactose, sucrose, Polysaccharides – Dextrin, starch, glycogen</p> <p>Chapter 2: Proteins: Definition & 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</p> <p>Doubts and Assignments.</p>	Selection of Data Set for Computation
September	<p><u>Unit II</u></p> <p>Chapter 3: Chemical Bonding: Definition of chemical bond, cause of chemical bonding, types of chemical bonds- ionic bond, covalent bond, coordinate bond (with simple picture based on electron-dot picture) eg: O₂, HCl, Cl₂, CaO, NH₄⁺, H₃O⁺, MgF₂, C₂H₄, C₂H₂, H₂O, H₂, NH₃</p> <p>Chapter 4: Elementary idea about normality, formality, molarity, strength of solution, mole fraction and ppm, What are solutions.</p> <p>Doubts and Assignments.</p>	<p><u>Unit II</u></p> <p>Chapter 3: 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 & their importance</p> <p>Chapter 4: Lipoproteins & Ketone bodies: Classification and structure of lipoproteins- Types (Chylomicrons, VLDL, LDL, HDL) & composition, Role of lipoproteins in health & disease: Basic concept of Ketone bodies, Ketosis, Fatty liver</p> <p>Doubts and Assignments.</p>	Computational Calculations of selected Data Set
October	<p><u>Unit-III</u></p> <p>Chapter 5: Elementary idea about hard water (causes and types), heavy water with its uses.</p> <p>Chapter 6: Soaps & detergents. Their Cleansing action.</p> <p>Chapter 7: Fire extinguishers – Types & Uses.</p> <p>Doubts and Assignments.</p>	<p><u>Unit-III</u></p> <p>Chapter 5: Vitamins: Brief descriptive biochemical role of fat soluble vitamins A, D, K & E, Brief descriptive biochemical role of water soluble vitamins – B₁, B₂, B₆, niacin and C</p> <p>Chapter 6: Minerals: Biochemical role & Pathophysiology- Ca, Na, K, Mg, S, Fe, Zn, I, Se</p> <p>Doubts and Assignments.</p>	Computational Calculations of selected Data Set
November	<p><u>Unit-IV</u></p> <p>Chapter 8: Properties and uses of Methane (CH₄)</p> <p>Chapter 9: Properties and uses of ethylene (C₂H₄)</p> <p>Chapter 10: Properties and uses of Acetylene (C₂H₂)</p> <p>Doubts and Assignments and revision tests</p>	<p><u>Unit-IV</u></p> <p>Chapter 7: Introduction to genetic control of metabolism (elementary aspects) Nucleic acids- types, purines & pyrimidines, Nucleoside, Nucleotide Watson & Crick model of DNA structure, Denaturation, DNA Replication</p> <p>Chapter 8: Basic concepts of Transcription, Genetic code, Translation</p> <p>Doubts and Assignments and revision tests</p>	Analysis of Results obtained and Formulation of Introduction of Dissertation thesis

Reenu

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2023 - 2024

Name of the teacher:- Dr. Rajesh Biswas , Department:-Zoology, Semester:- Ist semester (July 21- November18)

CLASSES	B.Sc. Home Science , I-Semester	B.Sc. Home Science, I - Semester
Subjects	Applied Zoology-I, (Theory)	Applied Zoology-I,(Practical)
Month 1(July.)	UNIT- I An elementary study of the following animals as indicated: 1. Malaria parasite: Detail life history and mode of transmission. 2. Entamoeba histolytica and Entamoeba coli: Habit distribution ,disease produced and mode of transmission. 3. Trypanosomagambiense and Leishmania dononani : Habit distribution, disease produced and mode of transmission.	1.Light Microscope and its parts 2. Phylum based identification and Economic importance of Invertebrates and Vertebrates present in the laboratory.
Month2(Aug.)	UNIT- I An elementary study of the following animals as indicated: 4. Taenia solium, Ascaris lumbricoides: External feature life history , disease caused and mode of transmission. 5. Fasciola hepatica andWucheria bancrofti: life history , disease caused and mode of transmission . Unit-II An elementary study of Insect Pest 6. Life history and economic importance of insect pest: Rice Weevil (Sytophillus), Lesser Grain Borer(Rizopertha), Gram Dhora(Callosobruchus), and Rust Red Flour Beetle (Tribolium). 7. Control of insect pest : Cockroach, Termite.	1. Phylum based identification and Economic importance of invertebrates and Vertebrates present in the laboratory. 2. Identification of slides and specimens: Malaria parasite(Plasmodium), Fasciola hepatica(life stages also), Ascaris, Taenia solium, .
Month 3 (Sept.)	Unit-II An elementary study of Insect Pest 8. Grain Storage: Principles of toxicology with reference to home. 9. Habit habitat and life history only: Mosquito(Culex& Anopheles). UNIT-III Economic important insect and Earthworm 10. Honey bee: Habit habitat and life history only. 11. Silk moth: Habit habitat and life history only. 12. Lac insect: Habit habitat and life history only	1. Phylum based identification and Economic importance of Vertebrates present in the laboratory. 3. Identification of available insect pest and their life stages.
Month 4(Oct.) Mid Semester Exam	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(Nov.)	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). Revision	5. Visit to Poultry farm. 6. Vermiculture. 7. Project report on field visit to renowned poultry Revision

BOTANYTEACHING PLAN (Ms. RAJANA SHARMA)B.Sc. Home Science 1st semester (theory) from 21.07.2023 to 02.12.2023

Month	Week	Theory topic	No. of periods	Practical topic
July	3 rd	Breaking ice	1	Breaking ice
	4 th	Study of diff. types of soil	2	Study of garden implements Study of fibre yielding plants
August	1 st	Study of diff. types of soil operation	3	Study of fibre yielding plants
	2 nd	Study of diff. types of soil operation		Study of oil yielding plants
	3 rd	Study of diff. types of soil operation		Study of oil yielding plants
		Organic manures		
	4 th	Organic manures	3	Study of Microscope
		Difference between manures and fertilizers		
September	1 st	Inorganic N.P.K	2	Preparation of temporary slide of onion peel
	2 nd	Seed propagation	2	To prepare a pot for showing seed and study diff. seed showing method
	3 rd	Vegetative propagation by cutting and layering	6	To prepare a pot for repotting of Chrysanthemum
	4 th	Vegetative propagation by grafting and budding		Propagation of Roses by cutting
October	1 st	Vermicomposting	2	Propagation of Croton and Coleus by cutting method
	2 nd	Biofertilizers	2	Propagation of plants by whip and tongue grafting
	3 rd	Autumn break		
	4 th	Study of fibre yielding plants	2	Propagation of wedge grafting
November	1 st	Elementary knowledge about plant tissue culture	1	Economic Botany practicals
		Elementary knowledge about mushroom cultivation	1	
	2 nd	Study of oil yielding plants	2	Economic Botany practicals
		Study of condiments and spices yielding plants	3	
	3 rd	Revision of syllabus		Revision of practicals
	4 th	Revision of syllabus		Revision of practicals

Rajana Sharma

Teaching Planner Session: 2023-24

Name of the teacher: Ms. Shalu Gupta

Department: FRM & EXTENSION EDUCATION

Semester: I (Jul-Dec 2023)

CLASSES	B.Sc. Home Science (IDRM 5 th Sem)				B.Sc. Home Science (1st Sem)
Subjects	Extension Education- I (Theory) <i>(Common to all streams)</i>	Extension Education- I (Practical)	WPD-I (Theory)	BMCT-I (Theory)	Interior Design and Resource Management-I(Theory)
Month 1 (July)	UNIT – I: Concept of education Formal education ,Non formal education , Informal education	Preparation of non-projected aids Chart/Posters	UNIT – I: Illumination; importance, types- general, task & accent lighting.	UNIT – I: Concrete: types, properties, uses	UNIT – I: Inr oduction to IDRM, Meaning of Resources and Management
Month 2 (August)	UNIT – I: contd. Concept of Extension education , Meaning and scope of extension ,Difference between formal education and extension education Extension education process .e- Extension, Philosophy of extension education	Presentation of Charts and posters Idea approval for Flash cards Preparation of Flash cards	UNIT – I: contd. Illumination sources- characteristics. Lighting fixtures & selection criteria. Lighting arrangement in a building.	UNIT – I: (contd.) Cement: types, properties, uses	UNIT – I: contd. Process of management - Planning, Organizing, Controlling and Evaluation
Month 3 (September)	UNIT – II: Principles & Function of extension education , Home Science Extension as a discipline and its contribution towards development. UNIT – III: Teaching methods for extension education, Concept of extension teaching methods, Methods and steps in extension teaching . Classification of extension teaching methods -According to form and use & their Advantages and limitations.	Preparation of puppets Writing stories for puppets	UNIT – II: Thermal Environment: Importance, sources & effect of heat & cold on human body. Factors affecting thermal environment. Ways to secure thermal environment in building.	UNIT – II: Brick masonry: types of bonds, brick walls, decorative brick work in interiors. Tiles: types, properties, uses in interiors & exteriors UNIT – III: Stones: types, properties, uses in interiors & exteriors	UNIT – I: contd. Decision Making Process – meaning and steps in Decision Making Process UNIT – II: Types of decisions. Factors affecting Decision Making Process Motivating factors in Management -Values, Goals and Standards
Month 4 (October)	UNIT – III (contd.): Advantages and limitations of extension teaching methods UNIT – IV: Audio-visual aids ,Classification of audio-visual aids, Advantages and limitations of various audio visual aids	Developing skills and use of following different teaching methods a. Role playb. Puppet play	UNIT – III : Ventilation: Necessity, types, advantages, disadvantages, methods of achieving mechanical ventilation in a building	UNIT – IV: Timber & Plastics: types, properties, uses, seasoning & defects in timber	UNIT – III :Meaning & Importance of Interior design. Role of Interior Designer Career options in Interior Design Management UNIT – IV; Elements of Interior Design and their application in Interiors
Month 5 (November)	UNIT – IV (contd.): Factors affecting selection and use of extension teaching methods and aids Revision & Assignments	Visit to a community to study a govt. or voluntary organization in action Report writing and evaluation	UNIT – IV: Principles of air conditioning: types, uses, essentials of air conditioning. Revision & Assignments	UNIT – IV: (contd.) Timber based products: properties and uses: commercial plywood, block board, particle board, teak ply board, laminates Revision & Assignments	UNIT – IV (contd.): Principles of Interior Design – Balance, rhythm, harmony, proportion, emphasis and their application in Interiors Revision & Assignments

Shalu
23/8/23 1

Teaching Planner Session: 2023-24

Name of the teacher: Ms. Akshata Verma Department: FRM Semester: Term I (Jul-Nov 2023)

CLASSES	B.Sc. Home Science (IDRM 5 th Sem)		B.Sc. Home Science (IDRM & Composite 5 th Sem)
Subjects	Furniture Design & Interior Graphics	Fundamentals of AutoCAD	Ergonomics and Household Equipment
Month 1	<p><u>Unit 1:</u> Furniture, importance of furniture designing. Properties of good furniture, selection criteria. <u>Unit 3: Upholstered furniture:</u> materials & techniques.</p>	<p><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</p>	<p><u>Unit 1: Concept of ergonomics:</u> introduction, importance, scope <u>Unit 3: Household equipment:</u> importance, selection factors <u>Unit 4: Kitchen Utensils & Tools:</u> classification of utensils, type of tools</p>
Month 2	<p><u>Unit 2: Classification of furniture:</u> beds, sofas, chairs, tables & desks, storage units, screens, outdoor furniture, built-in furniture. Principles of furniture arrangement.</p>	<p><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</p>	<p><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 & Selection:</u> kitchen utensils and tools</p>
Month 3	<p><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</p>	<p>Making & inserting blocks, dimensioning and text Practice sheets</p>	<p><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</p>
Month 4	<p><u>Unit 4: Furniture finishes:</u> Types, Characteristics and application techniques</p>	<p>Practice sheets</p>	<p><u>Unit 1: (contd.) Functional design:</u> applications <u>Unit 4: Finishes:</u> applied and mechanical</p>
Month 5	<p>Revision Assignments</p>	<p>Practice sheets Revision</p>	<p>Revision Assignments</p>

Akshata
23/02/23

GOVT HOME SCIENCE COLLEGE SECTOR- 10, CHANDIGARH

Name of the Teacher :- Mu Saarna Jaitly Department :- ART Semester :- Ist/IIIrd

CLASSES	Bsc (HSC) 1 st SEM	Bsc (HSC) 3 rd SEM
Subjects	INTERIOR DESIGN AND RESOURCES MANAGEMENT	ART IN EVERYDAY LIFE
Month 1 July -2023	What is Rangoli and its types scope and its Importance in every Indian Household	What is art and its importance our day to day life utility and functional of art
Month 2 August-2023	Making of Alpana	Elements of art line shapes Texture value etc.
Month 3 September 2023	Cleaning Importance and its Purpose	Principal of art balances Rhythm control .
Month 4 October-2023	Cleaning of window panes silver bras and Glass etc.	Optical Illusion
Month 5 November 2023	Making of a scrap Books on Different Topics of Rangoli Alana and Cleaning Topics.	Colours and its types warm cool colours use properties of colours impact of colours Tints and Shades .Design and its types

Saarna
23/8/23

Govt. Home Science College, Sector-10, Chandigarh

Teacher Name:- Navtej Singh
Session:- 2023-2024

Department:- Computer
Semester – I

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


9/3/23

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2023-2024 (Odd Semester)

Name of the teacher: Dr. Chhaya Verma

Department: Clothing and Textiles

Semester: Aug, 2023-December, 2023

CLASSES	B.Sc. (F.D.)- 1 st Sem	B.Sc. (F.D.)I st Sem	M.Sc. (C&T)- 1 st Sem	M.Sc. (C&T)- 1 st Sem	M.Sc. (C&T)- 3rd Sem	
Subjects	Textile Science-I (Th)	Textile Science-I (Pr)	Fabric Science (Th)	Fabric Science (Pr)	Dyeing & Finishing (Th)	Dyeing & Finishing (Pr)
August, 2023	Textile fibres and their classification based on sources and origin. Properties of textiles fibers.	Fiber identifications – visual, burning test	Molecular Structure Polymers and its types Polymerization Physical Properties of fibers,	Identification of fibers Visual inspection Burning test	Definition and classification of dyes - Dye fiber interaction Application of dyes on different fabrics Dyeing of blends	Scouring and bleaching of cotton. Dyeing of cotton with direct dye.
September, 2023	Manufacturing and properties of various natural cellulosic fibres – cotton and linen	Fiber identifications – microscopic and solubility test	Intermolecular and Intramolecular forces Innovation in fibers	Fiber identifications – microscopic and solubility test	Dyeing machinery Colour measurement- Theories of dyeing	Dyeing of cotton with azoic, reactive and acid dyes
October, 2023 (Mid-Term Exam)	Manufacturing and properties of various natural protein fibres- wool and silk.	Identification of type of yarn	Cotton, Linen, Jute, Silk, Wool, Pineapple, Banana, Palm, Bamboo, Hemp	Blend Analysis Terycot,	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.
November, 2023	process and properties of regenerated cellulosic fibre – Viscose rayon. Manufacturing process and properties of modified cellulosic fibre – acetate	Determination of twist.	Rayon and its types, Acetate, Triacetate, Polyester, Nylon 6 & 66,	Blend Analysis Terrywool	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
December, 2023	Manufacturing process of man-made synthetic fibres- Polyamide- Nylon 66, Nylon 6	Evaluation of thread count	Acrylic and Modacrylic, Polyethylene Polypropylene, Spandex,	Technical Textiles Identification & collection	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.
	Manufacturing process of man-made synthetic fibres- Polyester and Acrylic	dimensional stability of fabric	Technical Textiles, Smart Textiles, Fabric Composites	Technical Textiles Identification & collection	Special purpose finishes	Application of direct dye with different mordants

Chhaya Verma

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2022-2023

Name of the teacher: -Dr. Sonia Department: -Clothing and Textiles Semester: - Aug'2023-Dec '2023

CLASSES	B.Sc. (F.D.)- 1 st Sem	B.Sc. (F.D.)- 5 th Sem	PGDFD - 1 st Sem	M.Sc. (C&T)- 1 st Sem
Subjects	Needle Craft-I (Pr)	Pattern Making-II (Pr)	Fashion Fundamentals (Th)	Pattern Development (Pr)
Aug, 2023	Stem, Back, Chain, French knots and Cross Stitches	Basic Skirt Block Sloper of Basic Skirt	Fashion terminology	Measuring anthropometric parameters, manipulation of basic darts in the bodice into- multiple darts and princess lines
Sept, 2023	Blanket, Couching, Long and Short, Bullion Stitches, Patchwork- Its designs and stitching of samples	A-Line Skirt Full circular Skirt Four Gored Skirt	Characteristics of fashion Components of fashion Sources of inspiration	Contouring patters – off shoulder-wrap 3, skirts. Style reading of the given five designs
October, 2023 Mid-Term Exam	Cutwork Hemstitch Applique work	Six Gored Skirt Flared Skirt Peplum Skirt Knife Pleated Skirt	Fashion forecasting Stages of fashion cycle Length of fashion cycle Theories of fashion Adoption	One piece dress with halter neck Grading of basic bodice block and skirt block
November, 2023	Designs of Applique and its samples Project work	Tiered Skirt Yoke Skirt Inverted Box Pleated Skirt, Knife Pleated skirt Grading, Stitching of Basic Skirt	Factors affecting fashion Social, economic and psychological Fashion leaders and followers	Draping
December, 2023	Final Exams	Final Exams	Final Exams	Final Exams

Sonia

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2022-23 Name of the teacher: - Mrs. AnnuDeharwal Department: - Clothing & Textiles

Semester: - Odd semester (August 2023- November 2023)

CLASS	B.Sc (Fashion Designing) 5 rd sem	B.Sc (Fashion Designing) 5 rd sem	B.Sc (Fashion Designing) 5 th sem	Post Graduate Diploma (FD)1 st Sem	M.Sc (CT) 2 nd sem
Subjects	History Of World Costumes (Th)	Textile dyeing (Pr) (Group-A & B)	Textile dyeing (Pr)	Fashion Illustration (Pr)	Product Development (Pr)
August ,2022	<ul style="list-style-type: none"> Study of world costumes. costumes Egypt costumes Greek 	Resist Dyeing of Fabric Tie and dye Batik	<ul style="list-style-type: none"> Introduction to Dyes Difference between Dyes and Pigments Classification of Dyes - Natural Dyes and Synthetic Dyes 	<ul style="list-style-type: none"> Structure of hands, legs, feet and arms. Facial proportions Drawing of hair styles Drawing of Basic Block and Fleshed Figures 	<ul style="list-style-type: none"> Design Development and Theme selection.
September , 2022	<ul style="list-style-type: none"> costumes of Rome Costumes of Byzantine. Costumes of French. Costumes of Middle ages and Renaissance Period 	<ul style="list-style-type: none"> Dyeing of Cotton with Direct dyes and Reactive dyes Dyeing of Silk and Wool with Acid and Basic 	<ul style="list-style-type: none"> Preparation of fabric before dyeing. Stages of Dyeing -Solution, Fiber, Yam, Piece or Fabric and Product Dyeing 	<ul style="list-style-type: none"> Rendering Of Fabrics , Denim, Net , Chiffon, Velvet,Chiken,Satin, corduroy,Fur,Hoisery 	<ul style="list-style-type: none"> Design process- inspiration, mood board, and story board.
October 2022 Mid- Term Exam	Revision of syllabus	Resist Dyeing of Fabric Tie and dye Batik	Revision of syllabus <ul style="list-style-type: none"> Methods of Dyeing- Batch Dyeing and Combination Dyeing. Dyeing Auxiliaries. 	<ul style="list-style-type: none"> Prints – Checks and Stripes. Illustration of Jewellery, footwears,handbags, belt and headgear 	<ul style="list-style-type: none"> Selection of product range, color, motifs and techniques. Designing of product range.
November 2022	<ul style="list-style-type: none"> Costumes of French revolution. costumes of Romantic period 	To Test the Colour Fastness of the fabric: Fastness to Washing, Ironing Perspiration Crocking and Sunlight	<ul style="list-style-type: none"> Colour Fastness Fastness to Washing, Ironing, Perspiration, Crocking and Sunlight Dyeing Defects 	<ul style="list-style-type: none"> Draping of garments on fashion figure and colouring of illustration using various mediums. Casual wear, sportswear, beach wear and formal wear 	<ul style="list-style-type: none"> Presentations and exhibition.
December, 2022	Final Exams	Final Exams	Final Exams	Final Exams	Final Exams

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2023-24

Name of the teacher:-HeenaNarang Department:- Clothing and Textiles Semester:- Odd (July-November)

CLASSES	B.Sc Fashion Designing, Sem-1	B.Sc Fashion Designing, Sem-1	B.Sc Home Science, Sem-III	P.G. Diploma in Fashion Designing, Sem-I
Subjects	Garment Construction (Th)	Basics of Design (Pr)	Fabric Construction (Pr)	Fashion Design and Production
July	Terminology	Introduction to different drawing tools and coloring medium and its application.	Graphical representation of simple weaves:- Plain weave	-----
August	Tools and equipment used in clothing construction Sewing machine, its parts and functions	Line and its types. Different forms and shapes.	Twill weave and satin weave	Elements of art and Principles of Design
September	Common sewing machine problems and their remedies. Brief study of following: Basting, Hemming, seams and Seam finishes.	Creation of motif using different forms and shapes.	Identification of Yarns. Construction of samples of Hand knitting	Garment Details: Collars, sleeves, pockets, plackets. Preparation of fabric before handling, Different types of layouts
October	Fullness treatment: Tucks, Darts, Pleats, Frills, Flounces and Ruffles	Color wheel Value scale	Construction of samples of Crocheting	Handling special fabric. Terminology, work flow and brief study of various departments of Apparel Manufacturing Unit.
November	Pockets, Plackets, Trimmings and fasteners.	Color harmonies Warm and cool colors	Identification of Weaves. Project work	Quality control in Apparel production at different stages.

Heena

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:-2023-2024

Name of the Teacher:-Mrs. Manpreet Kaur Department:- Clothing and Textiles Semester:- July 2023- Dec 2023

CLASSES	B.Sc. Fashion Designing 3 rd Sem	PGDFD 1 st Sem	B.Sc. Home Science (ATD & Composite) 5 th Sem
Subjects	Garment Construction -III (Pr)	Garment Construction (Pr)	Traditional Embroideries (Th &Pr)
August	Construction of following- Puff, Bell.	Neckline finishes a) Bias binding b) Bias facing c) Shaped facing	Th- Kantha of Bengal Phulkari of Punjab Pr- Making samples of the basic embroidery stitches
September	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
October	Construction of following Collar Peter Pan, Baby, Sailor, Cape, Mandarin	Chinese d) Shawl e) Cowl f) Convertible (D) Sleeves- Plain Puff, Bell, Leg-o-mutton, Cap, Magyar, Raglan	Th- Chikankari of Uttar Pradesh Kutch Embroidery of Gujarat Pr- Phulkari of Punjab Chikankari of Uttar Pradesh Th- Sindhi and Kathiawar Embroidery Pr- Kutch Embroidery of Gujarat
November	Construction of following Collar- Shawl, Polo neck, Convertible Submission of Project	(F) Pockets a) Patch b) Inseam c) Set in (E) Skirts a) A-line Flare/ Added Flare b) Pleated skirt with Yoke c) Circular d) Godet e) Tiered f) Wrap	Th- Manipuri Embroidery Kasuti of Karnataka Pr- Sindhi Embroidery

Manpreet Kaur

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2023-24 Name of the teacher: Ms. Chandana Rajput Department:- Clothing & Textiles

Semester: - Odd semester (July 2023- December 2023)

CLASS	B.Sc Home Science 3 rd Sem	B.Sc (Fashion Designing) 3 rd sem	M.Sc (CT) 1 st sem	Post Graduate Diploma (FD) 1 st Sem
Subjects	Fabric Construction (Th)	Fashion Illustration On Computer (Pr) (Group-A&B)	Apparel Design Construction (Pr)	CAD-I
July 2023	*Terminology	*Croqui drawing	-----	-----
August 2023	*Introduction to Yarns Different types of spinning: Mechanical, Chemical *Classification of Yarn: Simple, Novelty and Textured Yarns	*Designing of casual and formal women wear incorporating the following fashion details Collar- Peter pan, Cape, Mandarin, Shawl and Shirt Collar.	*Designing , pattern development, material layout, construction and style reading of the: Party frock	*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.
September 2023	*Introduction to Loom a) Basic Loom and its parts b) Different types of loom: Shuttle loom and Shuttle less loom.	*Designing of casual and formal women wear incorporating the following fashion details Sleeve- Puff, Raglan, Kimono, Leg-o-mutton, and Bell.	*Designing , pattern development, material layout, construction and style reading of the following: Jump suit	*Illustration of a front profile of fashion model figure. *Draping the fashion figure in different silhouettes.
October 2023 (Mid-Term Exam)	*Introduction to Weaving *Classification of weaves b) Basic Weave: Plain, Twill and Satin c) Fancy Weave: Pile, Dobby, Leno, Swivel, Lappet	*Skirts- A-line, gathered, gored, pegged, circular, tiered and skirt with yokes	*Designing , pattern development, material layout, construction and and style reading of the following: Skirt	*Study the different tools of Photoshop. *Redesigning a costume of a scanned fashion figure using tools of Photoshop. *Designing a mood board according to the selected theme.
November 2023	*Basic fabric construction techniques: a) Knitting b) Bonding c) Felting d) Knotting	*Trousers with pockets	*Designing , pattern development, material layout, construction and and style reading of the following: Top(For Adults)	*Creating logos and visiting cards for your own label.

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GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2023-24 Name of the teacher: - Mrs. Preeti Sodhi Department: - Clothing & Textiles

Semester: - Odd semester (July 2023- December 2023)

CLASS	B.Sc. (FD) I SEM.	B.Sc. (FD) III SEM.	B.Sc. (H.Sc.) ATD V SEM.	B.Sc. (H.Sc.) ATD V SEM.
Subjects	Garment Design (Practical)	Garment Design (Practical)	Fashion Concepts & Illustration (Theory)	Fashion Concepts & Illustration (Practical)
July,2023	Sketching of Necklines ,Cuffs & Pockets	Western wear -Casual	UNIT-I 1. Fashion terminology 2. Fashion: Principles & Components	1. Fashion figure (Croqui & Block Figure)
August,2023	Sketching of Plackets ,Collars Sleeves & Yokes	Western wear -Formal	UNIT-II 3. Factors influencing fashion movement 4. Fashion Cycle:	2. Rendering different textures- 3. Sketching of various fashion details
September,2023	Sketching of Pleats , Gathers ,Tucks & Shirring	Casual Indian wear	UNIT-III 5. Fashion Theories: 6. Sources of inspiration	4. Sketching of accessories
October,2023	Practice Work Sketching of Frills & flounces cascades	Practice Work Formal Indian Wear	Revision of syllabus 7. Sketching terminology	Practice Work 5. Design and illustrate the a) Ethnic wear
November,2023	Sketching of Belts and bows	Sports wear & Night wear	UNIT-IV 8. Historical perspective of Fashion Illustration 9. Scope of Fashion Illustration.	5. Design and illustrate the b) Western wear

Preeti Sodhi

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session:- 2023-24 (July- December)

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

CLASSES	B.Sc FD 5 th Semester	B.Sc FD 5 th Semester	B.Sc. (H.Sc.) ATD 5 th Semester	M.Sc (Clothing & Textiles) 3rd rd Sem	PGDFD 1 st semester
Subjects	AMT	Line development & portfolio	Apparel design & construction	Costume Designing & Construction (Pr)	Garment Design
July	Introduction to various department of apparel manufacturing unit.	Study of fashion forecast	Drafting of adult bodice block & sleeve block	--	--
August	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.	Selection of theme mood board, swatch board and colour board, Designing and of range of costume	Sketching of various fashion details Designing of children's casual wear & Formal wear
September	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.	Selection of range of costume Market survey and material selection	Designing of women's casual wear
October	Concept & material of packaging.	Development of theme & mood board on various categories.	Drafting of basic skirt block, style reading & pattern development.	Pattern development Material Cutting and construction of the selected designs	Designing of women's formal wear
Terminal exam					
November & December	Labeling & stages of quality control.	Presentation of theme & then sourcing. .	Construction of gored skirt	Final fitting and finishing of costumes Showcasing the collection and portfolio development.	Designing of men's ethnic, casual and formal wear.

S Sharma

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2023-24 Name of the teacher: - Mrs. Simar Prabh Kaur Department: - Clothing & Textiles

Semester: - Odd semester (July 2023- December 2023)

CLASS	B.Sc (F.D) 1 st Sem	B.Sc (F.D) 1 st Sem	M.Sc (Clothing & Textiles) 1 st Sem	M.Sc (Clothing & Textiles) 3 rd Sem	M.Sc (Clothing & Textiles) 3 rd Sem
Subjects	Pattern Making (TH)	Pattern Making (Pr.)	Fashion Illustrations (Pr)	Textile Designing (Th)	Textile Designing (Pr)
July,2023	Terminology used in pattern making	Drafting of child bodice & sleeve block	Admission	Internship	Internship
August ,2023	Locating landmark & precautions during body measurements. Taking body measurements.	Adaptation of puff, bell cap, kimono reglan sleeve.	Fashion figure : front, ¾th profile, side profile Rendering of fabric textures	Textile Design meaning and scope. Textile Printing : Direct, Resist, Discharge, Blotch, Flock and Duplex	Designing of household textiles on sheets Setting up of handloom and making samples
September,2023	Flat pattern method drafting , draping merits & demerits, slash & spread/Pivotal transfer	Adaptation of Magyar leg-o-mutton, petal sleeve, Cap,	Rendering of fabric textures Designing Casual wear & Formal wear for kids	Weaving – Types of weaves ,Knitting and its Classification Knitted fabric defects	Designing of dress material on sheets for Kids & Women
October,23(Mid-Term Exam)	Fitting problem & remedies related to bust shoulder.	Adaptation of peter pan mandarin, sailor collar	Line planning of Women wear: Casual wear, Occasion wear, Club wear & Office wear	Elements and principles of Design Types of looms	Making article of Tie and dye, Batik and Stencil printing
November, 2023	Fitting problem & remedies related to sleeves & skirt.	Adaptation of shawl, polo neck & convertible collar.	Revision	Non-Wovens & Thickening agents Revision	Making articles of macramé and knitting
December 2023	Final Exams	Final Exams	Developing a design Portfolio.	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: - 2023-24 Name of the teacher: - Mrs. Pratibha Thapa Department: - Clothing & Textiles

Semester: - Odd semester (July 2023- December 2023)

CLASS	B.Sc (Fashion Designing) 3 rd sem	B.Sc (Fashion Designing) 3 rd sem	B.Sc (Fashion Designing) 5 th sem	B.Sc (Fashion Designing) 3 rd sem	B.Sc (ATD) 5 th sem
Subjects	Fabric Construction-I (Th)	Fabric Construction-I (Pr) (Group-A & B)	Pattern & Marker Making on Computer-I (Pr)	Fashion Concepts-I (Th)	CAD-I (Pr)
July, 2023	Introduction of subject Terminology	Introduction to subject Basic Loom demonstration	Introduction to Pattern making software and familiarization with its tools.	Fashion Terminology:- • Fashion, Fad and clothes	Detailed study of tools of Paint and Corel Draw software.
August,2023	Basic loom and Basic motions of weaving Shuttle and Shuttle less loom Difference between Shuttle and shuttle less loom.	Graphical representation & Drafting Lifting Plan of Plain weave & Basket Rib weave- and making of samples.	Develop basic block patterns of the Child bodice-block and Sleeve block	, Fashion Terminology:- Style & Design, Haute Couture, prêt-o-porter Theories of origin of clothing • Theory of Protection • Modesty • Adornment	Creating Five Nursery, Five Floral Motifs & Five Geometrical using MS Paint
September,2023 (Term Exams)	Classification of weaves Basic weaves Revision of Syllabus	Graphical representation & Drafting Lifting Plan of Twill weaves and making of samples.	Develop basic block patterns of the Basic Skirt block and Basic Trouser block using the tools of Tuka CAD software for Pattern Making.	Elements and Principles of Design in general and special reference to clothing Characteristics of Fashion	Designing of Top with different types of Collars-Peter pan, Cape, Sailor and Chinese Band.
October,2023	Preparation of yarns for weaving Different types of warping. Novelty weaves- pile, lappet, leno, swivel, jacquard, dobby	Graphical representation of Satin & Sateen weaves and making of samples Identification of weaves and collection of samples of different weaves	Grading of Child bodice-block and, Sleeve block Grading of Basic Skirt block Grading of Basic Trouser block	Revision of Syllabus Factor affecting Fashion Moment Fashion Cycle Length of Fashion Cycle	Designing of Top with different types of Sleeves-Puff, Magyar, Raglan and Bell.
November,2023	Woven fabric defects- float, gout, lashing in, missing ends, selvedge defects	Preparation of an article using any weave	Making summary report and pattern card of all the patterns	Stages of Fashion Cycle & Broken Fashion Cycle	Designing of different types of Skirts- Flared, Gored, Tiered and Gathered with Yokes. Completion of files

Pratibha

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: - 2023-24 Name of the teacher: - Mrs. Anila Department: - Clothing & Textiles

Semester: - Odd semester (July 2023- December 2023)

Classes	B.Sc.(Fashion Designing)5 th Sem	M.Sc. (Clothing& Textiles) 3 rd Sem	B.Sc.(Fashion Designing)5 th Sem
Subjects	Garment construction-V Practical (A&B)	Historic Costumes Theory	Line development-I
July, 2023	Introductory class -Checking of test fit garment from previous class pattern making	Introductory class Study of the costumes worn during following periods- -Egypt -Greece	Introductory class -Source of inspiration
August,2023	Construction of blouse from test fit -Drafting and construction of petticoat - Drafting and construction of Nighty	Study of the costumes worn during following periods- -Rome -Byzantine -French Revolution -Romantic period	-Making sheets on source of inspiration -Study of fashion forecast Conceptualization of theme, mood board, designing and illustration
September, 2023	Checking and submission of petticoat	Revision of syllabus -Victorian period	Style reading, fabric sourcing, pattern development, spec sheet and construction File submission
October, 2023 (Mid term exam)	Checking of nighty -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 Purpose of a portfolio
November ,2023	Construction of salwar and kameez Final file submission	-Mending techniques -Display and storage Revision of whole syllabus	Module design Doubt clearing sessions and final portfolio submission

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH
 Session: - **2023-24** Name of the teacher: - **Dr. Preeti Aggh** Department: - **Clothing & Textiles**
 Semester: - **Odd semester (July 2023- December 2023)**

CLASS	B.Sc. Home Science ATD – 5 th Sem.	B.Sc (ATD) 5 th sem	B.Sc (Home Science) 1 st Sem	B.Sc (Home Science) 1 st Sem	Post Graduate Diploma (FD) 1 st Sem
Subjects	Textile Design – Theory	Textile Design (Practical)	Introduction to Clothing & Textiles(Pr.)(Gp-A, B, C, D)	Introduction to Clothing & Textiles (Th.)(Group-A & B)	Pattern Making (Pr.)
July 2023	Introductory Class about Textile Designing	Introductory Class about Textile Designing	<ul style="list-style-type: none"> Demonstration of Sewing Machine and its parts 	<ul style="list-style-type: none"> Explanation of Fiber, yarns and Fabrics 	-
August 2023	Study of various elements and principles of design with special reference to Apparel and Textiles:Elements of Art	I. Sketching of different types of Lines & Shapes	Basic hand stitches- Basting. Types of Basting	<ul style="list-style-type: none"> Classification of Fibers Properties of Fibers 	Anthropometric Measurements and Terminology used in Pattern Making
September 2023	Principles of Design	Colour wheel.Color Schemes.Tints and Shades	Hemming-visible/invisible. Tailor's tuck. Practice exercise of Basic seams	Manufacturing Process and properties of Natural Fibers Tools and equipments used in clothing construction:	Preparation of the basic pattern for the following Female adult's bodice block and sleeve block. Basic Skirt.
October 2023	Preparation of fabric before Dyeing and Printing;Terminology : Dyes, Dyeing, Pigment, Dye-Bath, Material Liquor Ratio, Mordant, Auxilliaries and Color-fastness Classification, Stages and Methods of dyes	Grey Scale.Development of motif : Geometrical, Natural, Stylized and Abstract	Types of Seam and self finished seams- Plain, Run and fell, French, lapped. Fibre Identification: Cellulosic fibers: Cotton & Linen	<ul style="list-style-type: none"> Terminology of Clothing Common sewing machine problems and their remedies 	*Dart- Manipulation by Slash and spread method & Pivot Method into Single dart series.Two dart series, Multiple dart- series, Princess line, Yokes.
November 2023	Techniques of Printing:Block Printing,Screen Printing,Stencil Printing and Roller Printing Thickening agents : types and uses, Post treatment of dyed and printed goods. Defects of dyed and printed goods.	Creating textures using different mediums : thread pulling, stencil spray, ink drop, blowing of colors and inks, marbling, rubbing, pencils, crayons, rubber and candlesDevelopment of design through different placements :Straight repeat (all-over), half drop, tile or brick, repeat mirrored vertically and horizontallyDevelopment of two different theme-based designs each for apparel and household articles in two colorways	Types of Seam Finishes: Overlock, Hand overcasting, Turned and Stitched, Binding	Tools and equipments used in clothing construction: <ul style="list-style-type: none"> Measuring Tool Marking Tools Fibre Identification Proteic fibers: Silk & Wool	*Addition of fullness through a) Conversion and relocation of dart. b) Additional fullness. Dart Manipulation in Countered Patterns, Halters & Off-Shoulder

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Name of the teacher- Nidhi Duggal

SESSION :- 2023-24
Department- Clothing and Textiles
Semester-Odd

Classes	B.Sc.(Fashion Designing) 1st Sem	B.Sc.(Fashion Designing) 1st Sem	B.Sc. (Fashion Designing) 3 rd Semester	B.Sc. (Fashion Designing) 3 rd Semester
Subjects	Garment Construction – I – Practical	History & Culture of Punjab – Theory	Traditional Textiles Theory	Traditional Textiles Practical
July 2023	-Introductory Class -Machine Basting	-Introductory Class -Harappan Civilization	- Introductory Class - Bandhani of Gujrat & Rajasthan	- Introductory Class
August, 2023	-Machine Basting Contd.... -Making samples of Basic hand stitches viz. *Basting (Even, uneven & Diagonal) *Back Stitch *Hemming (visible and invisible) *Tailor's stack	- Harappan Civilization contd.. -Revision of Harappan Civilization - Life in vedic age	- Bandhani of Gujrat & Rajasthan contd.... - Patola of Gujrat - Ikat of Orissa	Identification of various Traditional Textiles with Motifs & Designs -Identification of Resist Dyed Textiles viz. Bandhani of Gujrat & Rajasthan, Patola of Gujrat & Ikat of Orissa
September, 2023	Making samples of following types of seams : *Plain *Run & Fell *French *Lapped *Counter *Mantua maker	Growth of Jainism and Buddhism Society and culture under Mauryas Revision	- Pochampalli of Andhra Pradesh - Revision - Printed Textiles of Rajasthan – Sangneri Textiles, Bagru & Ajrakh	-Identification of Pochampalli of Andhra Pradesh, Printed Textiles of Rajasthan – Sangneri Textiles, Bagru & Ajrakh

	<p>Making samples of following types of seam finishes :</p> <ul style="list-style-type: none"> *Overlock *Hand overcast *Turned and stitched *Binding 			
<p>October, 2023 (Mid term exam)</p>	<p>File Checking</p> <p>Making samples of Darts & Pin tucks</p>	<p>Society and culture under Gupta</p>	<p>-Painted Textiles (Kalamkari)</p> <p>- Batik</p> <p>- Kashmiri Shawls</p> <p>Revision</p>	<p>-Identification of Painted Textiles, Batik, Kashmiri Shawls</p> <p>-Collection of swatches/ photographs to study the motifs, designs & colors of Traditional Textiles</p> <p>-Revision</p> <p>-File Checking</p>
<p>November, 2023</p>	<p>Making samples of Cross Tucks, Shell tucks, Released Tucks and Corded Tucks</p> <p>Making samples of Gathers</p> <p>Making samples of Pleats – Box Pleats, Knife Pleats, Kick Pleats</p> <p>Making samples of Ruffles</p> <p>Making samples of Frills – Gathered Frill and pleated frills</p>	<p>Main features of Bhakti</p>	<p>-Barcode Jamdani</p> <p>-Baluchari</p> <p>-Chanderi</p> <p>-Maheshwari</p> <p>-Kanjivaram</p> <p>Revision of whole Syllabus</p>	<p>-Revision of Traditional Textiles</p> <p>-Review of Craft Documentation</p> <p>-Identification of Brocade, Jamdani, Baluchari, Chanderi, Maheshwari & Kanjivaram</p> <p>-Collection of swatches/ photographs</p> <p>-Documentation</p> <p>Final File Submission</p>

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: 2023-2024 Name of the Teacher:-Dr. Ritu Pradhan Department:-Foods and Nutrition Semester:-1&3 (Aug-23 to november-23)

CLASSES	PG Diploma Nutrition and Dietetics 1 st Sem				M.Sc. Foods and Nutrition 3sem			M.Sc. Foods & Nutrition 1 st Sem
Subjects	<u>Applied Nutrition -I</u>	<u>Food Product Development</u>	<u>Seminar-I</u>	<u>Project</u>	<u>Dissertation</u>	<u>Nutritional Management in Sports and Fitness</u>	<u>Seminar</u>	<u>Human Nutrition</u>
August	Formulation of RDA and dietary guidelines Concept of body composition Concept of kilojoules and kilocalories REE,RMR,BMR,PE E,TEF BMR energy balance	Developing and preparation of main course, snacks, ready to eat and dessert recipes for the following: Gluten free Low glycemic index	Seminar's topics discussion and finalisation	Display board decoration	Synopsis Questionnaire preparation and finalisation	Introduction to sports nutrition Fitness and nutritional assessment Macronutrients in sports-Carbohydrates Proteins	Seminar's topics discussion and finalisation	Energy needs and RDA Weight management Under and over nutrition Metabolic X syndrome Dietary carbohydrates and dietary fiber
September	Nutritional and lifestyle management, Pregnancy and lactation, Infancy, Childhood, Adolescent Adulthood	Low/high fiber , Low purine, Developing and preparation of two recipes each using the following methods of cooking: Microwave	Seminar conducted	Aids prepared on millets	Data collection/ experimental work	Fats Caloric needs and expenditure B complex vitamins Minerals	Seminar Conducted	Glucose regulation in blood and hormonal control, Essential fatty acids, Phytochemicals Plat sterols, Dyslipidemias Lipoproteins
October	Old age Concept of balanced diet and diet therapy Consistency modification Nutrient modification	Cooking/Baking	Seminar conducted	Millet based recipe preparation	Data collection/ experimental work Data entry and analysis	Antioxidants and water, Aerobic and anaerobic activity, Vegetarian athletes Female sportsperson- Menarche and Menstruation-Amenorrhea and Anemia Energy requirements for -Strength and power athletes	Seminar conducted	Protein turnover Nitrogen balance Assessment of Protein quality Fasting and starvation Antioxidants non nutritive food components
November	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	-Endurance athletes Ergonomic aids and dietary supplements	Seminar conducted	Role of leptin nadhghrelin Nutrient- nutrient inter-relation Causes and effect of deficiency Causes and effect of excess

Ritu

Name of the teacher: Neelam Kumari

Department: Human Development and Family Relations

CLASSES	B. Sc. Home Science 3 rd Semester		MSc Home Science (Human Development) 1 st semester		MSc Home Science (Human Development) 3 rd semester		
Subjects	Development in Infancy		Effective Parenting Skills	Infancy seminar	Care and education of children with special needs	Adolescence seminar	
July 2023	Overview of lifespan stages of human development	Discussion on the different practicals related to infancy	Introduction, overview of significance of parenting	Trends and issues related to infant development	Overview of the different types of children with special needs	Discussion on the different practical related to children with special needs	Trends and issues related to adolescence behavior & development
August 2023	Cognitive development in Infancy	Market Survey of Infants items	Introduction, The task of parenting and the concept of parenting skills	Physical and motor aspect of infants	Identification, treatment and education of mentally retarded	Display related to the nature, assistive devices for children with special needs	Physical and motor aspect of adolescents
September 2023	Factors affecting Cognitive and language development	Folder on Play activities and lullabies	Changing concept of parenthood Being a competent parent	Psycho-social development of infants	Socio-Emotional Problems, Treatment Visual Impairments	Visit and prepare report on institutions working	Psycho-social development adolescents

Neelam

October 2023	Language development, Pre-speech Communication	Toy: Motor Skill, Socio-emotional development	Parenting roles, characteristics, family life cycle	Cognitive and language development of infants	Visual Impairments, Speech and language	Case study on a child with any one type of disability	Cognitive and language development of adolescents
November 2023	Role of family member, Physical care of Infants	Poster: All round development	Home visit and interview of parents.	Parenting aspect of infants	Learning disabilities, classification	Workshop to enhance the capacities	Parenting aspect of adolescents
December 2023	Emotional pattern Common play	Presentation of File work Feedback	A need-based intervention program for parents	Discussion on the all round aspect of infant development	Counselling of parents	Group discussion	Discussion on the all round aspect of adolescents development

Neelam

GOVT. HOME SCIENCE COLLEGE, SECTOR-10, CHANDIGARH

Session: 2023-2024 (January-May)

Name of the teacher: Neelam Kumari

Department: Human Development and Family Relations

CLASSES	B. Sc. Home Science 4 th Semester		MSc Home Science (Human Development) 2 nd Semester			MSc Home Science (Human Development a) 4 th Semester
Subjects	Development in Early Childhood		Development of creativity in children		Early childhood seminar	Persons with disabilities
January 2024	Physical development in Early Childhood	Observations of Play activities of Pre-school	Creativity: definition, concept, types, problem solving, Scope	Tests of creativity (any one)	Trends and issues related to Early childhood behavior & development	Various approaches to define and understand disabilities: philanthropic, medical, administrative, legal and social
February 2024	Motor Skills in Early Childhood	Folder: All round development	Psychology- dynamic and psychometric approach	Surveying modern creative techniques using different schools	Physical and motor aspect of children	Role of context in the meaning of normality and disability, attitudes of people towards disability
March 2024	Cognitive development, Factors affecting	Interview of Mothers on Parenting	Cognitive and confluence approach	Plan and develop a resource file of creative activities	Psycho-social development of children	Philosophy of inclusion Techniques of identification and assessment.
April 2024	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	Cognitive and language development of children	Physical and social barriers in development of persons with disabilities, Rights vs needs of persons with disabilities.

Neelam

May 2024	Play: Importance and Types	Presentation of File work Feedback	Influence of child rearing practices, brainstorming etc.	Executing the workshop	Parenting aspect of children and Discussion on the all round aspect of child development	Use of assistive devices, Programs and policies for persons with disabilities, PWD act.
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Neelam