**GOVT. P.G. COLLEGE FOR WOMEN, SECTOR-14, PANCHKULA**

**LESSON-PLAN (Session 2024-25) EVEN SEMESTER**

**Name of Teacher**: Mrs. Anita Raj

**Designation:** Lecturer (Extension Lecturer)

**Class:**B.Sc. II Year (4th Semester)

**Subject/ Paper:**Advance apparel and textile designing (B-23HSC-401) (NEP)

**Type of course (major/ minor/ VAC/ AEC/SEC/ MDC):** Major

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| **S. No.** | **Month** | **Topics to be covered** | **Teaching Learning Strategy** | **Learning Outcomes of Students** | **Remarks**  |
| **1.** | **February** | Micr**UNIT I*** Fabric finishes: Definition & objectives
* Classification of Finishes:
* a) Physical: Singeing, napping, brushing, shearing, sizing, tentering, and calendaring
* b) Chemical: Mercerizing, durable finishes,
* c) Special-purpose finishes: Wrinkle resistant , water resistant, soil repellent, and flame repellent
* Bleaching & its Types
 | PPT, Group Learning and Teaching | To understand about Fabric Finishes |  |
| **2.** | **March** | * + - Dyeing: Definition classification of dyes:

a) Natural: vegetable, animal & mineral  b)  Synthetic dye: Basic, acidic dye* Basis of method of dyeing: Sulphur dyes, direct dyes, Vat dyes, Mordant dyes & developed dyes.
* On the basis of stages of dyeing: Raw stock dyeing, skein dyeing, cloth dyeing
* Simple dyeing: Principles and methods of  dyeing, faults in dyeing  and remedies
* Resist dyeing: tie and dye, batik and screen
* Class Test
 | PPT, Group Learning and Teaching | To know about Dying and its various types and techniques | **Assign. -1** **and Test** |
| **3.** | **April** | * Printing: definition, classification.
* Methods of printing:
* Hand printing: block, stencil, screen
* Machine printing: roller, screen, discharge, resist and duplex printing.
* Care (Darning, mending & renovation) and storage of fabrics.
* Dry cleaning: Principle, process (in brief) and advantages.
* Class Test
 | PPT, Group Learning and Teaching | Toknow about Printing its methods , types and dry cleaning | **Assign. -2** **and Test** |
| **4.** | **May** | * Laundry: Process of laundry, laundry equipment and their uses.
* Stain removal:
* Types of stains & methods of removing stains( solvent,

 absorbent & chemical methods)* Removal of different stains( tea, coffee, fruits, blood,

oil/ ghee, turmeric, colour, egg, ink, iron rust, lipstick, nail paint, sweat, perfume & stain of hot iron)* Soaps and Detergents: Types and manufacture of soap and detergents.
* Stiffening agent and blueing agent.
* Class Test
 | PPT, Group Learning and Teaching | To have knowledge of Laundry Process, stain removal, soap and detergents, stiffing agent and blueing agent | **Revision and Tests** |

* **Seminar/Presentation/Assignment/Quiz/Class Test /Mid-Term Exam will be taken as per schedule.**

**Signature of Teacher**

**GOVT. P.G. COLLEGE FOR WOMEN, SECTOR-14, PANCHKULA**

**LESSON-PLAN (Session 2024-25) EVEN SEMESTER**

**Name of Teacher**: Mani Narwal

**Designation: Assocaite Professor**

**Subject/ Paper:EARLY CHILDHOOD AND SPECIAL NEED CHILDREN (B-23HSC-402)Class: B.Sc Home Science 4thSem**

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| **S. No.** | **Month** | **Topics to be covered** | **Teaching Learning Strategy** | **Learning Outcomes of Students** | **Remarks if any** |
| 1. | February | Importance, objectives, scope of early childhood educationTypes of early childhood education centers (laboratory nurseryschool, Montessori school, Anganwadi)Preschool program: components of ECCE, importance ofCurriculum, principles of preschool program planning, activities inpreschool program.Report writing on working of preschool or nursery andcase study of preschool children.Report writing based on survey of welfare agenciesworking for special need children | Group-Learnig& Teaching. Self-Study.Peer Teaching | To sensitize the students to the special group ofsociety whose needs are special in nature. |  |
| 2. | March | Importance of play in early childhood, types and functions of playand Selection of play equipment (outdoor and indoor)Meaning of Disability, impairment, handicapped and disorder withreference to special need children.Physical impairment ( locomotor, autism, speech, cerebralpalsy);Classification,causes and identification.Observation of disability in childhood (any one);observation and report writing in School, outdoorcircumstances/ home setting | Group-Learnig& Teaching. Self-Study.Peer Teaching | To understand the needs, educational provisionsand attitude of society toward mentally retard,physically challenged and gifted children. |  |
| 3. | April | Sensory impairment (visual, hearing); Classification,causes andidentification.Learning impairment (dyslexia);Classification, causes andsymptoms.Preparation of creative art activity file, chart/poster,storybook and poem book etc. for normal and special needchildren (one each) | Group-Learnig& Teaching. Self-Study.Peer Teaching | To get theoretical and practical knowledge aboutdifferent types of early childhood education centersand their importance. |  |
| 4. | May | Intellectual impairment (mental retardation, gifted children): Classification, causes, symptoms.Educational provision for children with various disabilities.Government schemes related to special needs children. | Group-Learnig& Teaching. Self-Study.Peer Teaching | To acquaint with skills of establishing preschoolsby learning principles of programme planning andhistorical development of early childhoodeducation |  |

**Seminar/Presentation/Assignment/Quiz/Class Test /Mid-Term Exam will be taken as per schedule.**

**Signature of Teacher Principal**

**GOVT. PG. COLLEGE FOR WOMEN, SECTOR-14, PANCHKULA**

**Department of Home Science**

**LESSON-PLAN**

**(Session 2023-24) EVEN SEMESTER**

**Name of Teacher**: **Mrs. Anita Raj**

**Designation: EXTENSION LECTURER (HOME SCIENCE)**

**Subject:**APPAREL DESIGNING & SELECTION (212)

**Class:**B.Sc. Home Science II, IV SEM

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| **Month** | **Topic to be covered** | **Learning outcomes of students** | **Remarks** |
| **January** | * Definition, comparison of the following:
* Homemade / tailor made / readymade garments
* Meaning and importance of clothing
* Factors affecting selection of clothing for different age groups
* Class Test
 | To understand concept of homemade ,tailor made and readymade garments |  |
| **February** | * Clothing requirements in different age groups and different physiological conditions.
* Care of clothing
* Mending
* Renovation
* Storage
* Class Test
 | Students gain practical knowledge of drafting, cutting and stitching of basic children's garments. |  |
| **March** | * Design -Principles, balance, harmony, rhythm, proportion and emphasis.
* Elements –Color, its dimensions, harmony and effect, its use in relation to Season, occasion, size, figure and complexion.
* Class Test
 | Acquire the knowledge of application of elements of arts and principles of design in clothing construction  |  |
| **April** | * Texture analysis and its use in relation to size, figure, occasion, season
* Line and shape analysis and its appropriate use.
* Revision Test
 | Students understand the concept of fashion, figure  |  |

* **Two assignments and one units test will be taken as per schedule.**

**Signature of Teacher Principal**

**GOVT. PG. COLLEGE FOR WOMEN, SECTOR-14, PANCHKULA**

**Department of Home Science**

**LESSON-PLAN**

**(Session 2023-24) EVEN SEMESTER**

**Name of Teacher**: **Mrs. Anita Raj**

**Designation: EXTENSION LECTURER (HOME SCIENCE)**

**Subject:**Family Resource Management (214)

**Class:**B.Sc. Home Science II, IV SEM

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| **Month** | **Topic** | **Learning outcomes of students** | **Remarks** |
| **January** | * Time Management, Time as a resource
* Time demand during various stages of family life cycle
* Characters to consider in making time and utility plan.
* Steps in making daily and weekly time plan
* Control of time plan • Evaluation of time plan
* Class test
 | To acquaint students with the skills of time management. |  |
| **February** | * Energy Management
* Relation of energy to the stages of the family life
* Household tasks classified by energy costs
* Types of efforts , Types of fatigue and the various ways to overcome fatigue •
* Management of energy (Planning, Controlling and Evaluating)
* Work simplification ,Techniques of work simplification ,Class Test
 | To skill students about work simplification techniques and energy management. |  |
| **March** | * Money Management ,Money as a resource
* Sources of money – wages, salaries, rent, profits, interests, transfer of payment
* Regular and irregular income
* Types of expenditure and factors affecting family expenditure
* Budget – definition and types • Savings and investments – meaning, objectives and types.
* Class test
 | To provide practical training of resources, time, money and energy management. |  |
| **April** | * Marketing – definition and concept.
* Factors affecting consumer decision in the market, good buy man ship.
* Revision Test
 | To impart knowledge about savings, investments, budget and energy management. |  |

* **Two assignments and one units test will be taken as per schedule.**

**Signature of Teacher Principal**

**GOVT. PG. COLLEGE FOR WOMEN, SECTOR-14, PANCHKULA**

**Department of Home Science**

**LESSON-PLAN**

**(Session 2023-24) EVEN SEMESTER**

**Name of Teacher**: **Mrs. Anita Raj**

**Designation: EXTENSION LECTURER (HOME SCIENCE)**

**Subject:**Food Waste and By-Product Utilization B23-SEC-215

**Class:**B.Sc. Home Science II, IV SEM

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| **Month** | **Topic to be covered** | **Learning outcomes of students** | **Remarks** |
| **February** | * Introduction to Food Waste: Definition and types of food waste; Environmental, economic, and social impacts of food waste; Food waste throughout the supply chain; Factors Contributing to Food Waste; Post-harvest losses and storage challenges; Retail and consumer-related food waste; Food waste in foodservice establishments and restaurants
 | Understand the concept of food waste and its impact on the environment, economy, and society |  |
| **March** | * Food Waste Management and Reduction: Source reduction strategies; Food donation and redistribution programs; Composting and anaerobic digestion; Innovative technologies for food waste reduction
 | Explore different techniques and technologies for food waste management and reduction |  |
| **April** | * Overview of by-product utilization; Extraction of bioactive compounds from food waste; Conversion of food waste into biofuels and energy; Recovery of value-added materials from 8 2097 food waste
 | Understand sustainable strategies for utilizing food waste and by-products to create value-added products |  |
| **May** | * Applications of Food Waste By-Products; Food industry applications (e.g., food additives, functional ingredients); Animal feed and pet food production; Fertilizer and soil amendment production; Waste-to-packaging concepts; Policy frameworks and regulations
 | Understand various applications of food waste byproduct |  |

* **Two assignments and one units test will be taken as per schedule**

**Signature of Teacher Principal**