C.S.J.M. UNIVERSITY, KANPUR

BACHELOR OF VOCATIONAL DEGREE IN FASHION TECHNOLOGY

COURSE FRAMEWORK & SYLLABUS
## C.S.J.M. UNIVERSITY, KANPUR

### B.Voc. FASHION TECHNOLOGY (Vocational)

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**FASHION TECHNOLOGY**

(Bachelor of Vocational Degree Course)

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**Unit I:**  
Fundamentals of Language: Basic use of parts of Speech, Tenses, Articles, Modal verbs, Conditional sentences, verbs, phrasal verbs and idioms, word-building through suffix and prefix, compound words, for specific usage related to the situations.

**Unit II:**  
Reading skills: Dealing with difficult vocabulary, reading comprehensions, reading sub skills -skimming and scanning.

**Unit III:**  
Sentence pattern and paragraph writing: Basic writing skills and conveying specific factual information using simple sentences of various patterns. Transformation of sentences, writing Introduction, welcoming, thanksgiving and conclusion.

**Unit IV:**  

**Unit V:**  

**Reference Books:**

## Essentials of Pattern Making

### Unit I:


### Unit II:

Pattern making – method of pattern making – (Drafting and draping), merits and demerits. Types of paper patterns (Patterns for personal measurements and commercial patterns) Principles of pattern drafting. Pattern details, steps in drafting basic bodice front and back and sleeve.

### Unit III:

Styles created by shifting of blouse darts, adding fullness to the bodice, converting darts to seam and partial yokes and incorporating darts into seams forming yokes. Fitting - Standards of a good fit, steps in preparing a blouse for fitting, checking the fit of a blouse, solving fitting problems in a blouse, fitting techniques.

### Unit IV:

Pattern alteration – importance of altering patterns, general principles for pattern alteration, common pattern alteration in a blouse. Pattern grading – definition, types, manual – master grades, basic front, basic back basic sleeve, basic collar and basic grading.

### Unit V:

Pattern layout- definition, purpose, rules in layout, types of layouts for length wise stripped designs, fabric with bold design, asymmetric designs, and one way designs. What can be done if cloth is insufficient, fabric cutting, transferring pattern marking, stay stitching and Ease stitching.

### Reference Books:

1. Steffani Lincecum, Patternmaking for a Perfect Fit: Using the Rub-off Technique to Re-create and Redesign Your Favourite Fashions
2. Helen Joseph - Armstro, Patternmaking for Fashion Design
3. Lori A. Knowles, Practical Guide to Patternmaking for Fashion Designers: Juniors, Misses and Women
4. Donald H. Mc Cunn, How to Make Sewing Patterns (Paperback)
5. Patternmaking: A Comprehensive Reference for Fashion Design
7. Winifred Aldrich. Metric Pattern Cutting for Women
### Basics of Textiles

<table>
<thead>
<tr>
<th>Unit I:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to the field of Textiles – major goals- classification of fibres – natural and chemical – primary and secondary characteristics of textile fibres.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit II:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturing process, properties and uses of natural fibres – cotton, linen, jute, pineapple, hemp, silk, wool, hair fibres, Manmade fibres – viscose rayon, acetate rayon- nylon, polyester, acrylic.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit III:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Unit IV:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Woven – basic weaves- plain twill, satin, fancy weaves – pile, double cloth, leno, swivel, lapper, dobby and jacquard Weaving technology- process sequence –machinery details.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit V:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non- woven- felting, fusing, bonding, lamination, netting, braiding and calico, tatting and crocheting</td>
</tr>
</tbody>
</table>

### Reference Books:

1. Lesley Jackson, 20th Century Pattern Design: Textile and Wallpaper Pioneers
2. Marie O’ Mahoney, Advanced Textiles for Health and Wellbeing
3. Laura Euler, Arts and Crafts Embroidery
4. Valerie D. Mendes, Frances Hinchcliffe, Ascher: Fabric, Art, Fashion
5. Joseph M, Essentials of Textile
6. Gohl EPG & L D Vilnsky, Textile Science
7. Corbman B P, Fiber to Fabric
## Introduction To Computer

### Unit I:

Introduction to computer, Input and Output Devices, System Software and Application Software  Computer Language, Compiler and Assembler

### Unit II:


### Unit III:


### Unit IV:

Creating Presentation Creating Slides, Slide Sorter View, Changing Slide Layouts, Moving Between Slides

### Unit V:

Introduction to Internet Getting Connected to Internet, Types of Internet Connections, Internet Terminology, Understanding Internet Address, Computer Viruses and Security threats.

### Reference Books:

1. Sanjay Sexena, A First Course in Computers
2. Balaguruswamy, Programming in ANSI C
3. Brian W Kerighan and Dennis M Ritchie, C Programming Language
<table>
<thead>
<tr>
<th>5</th>
<th>Basics of Apparel Constructions Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Exercise 1:</strong></td>
<td>Preparation of samples for seam (any 5)-plain, Top Stitched, flat fell, piped seam.</td>
</tr>
<tr>
<td><strong>Exercise 2:</strong></td>
<td>Preparation of samples for seam finishes (any 3) -overcast, Hem, Edge stitched, bound.</td>
</tr>
<tr>
<td><strong>Exercise 3:</strong></td>
<td>Preparation of samples for fullness-darts, tucks (any 3)-pin, cross, group tucking with scalloped effect, Pleats (any 3)-knife, box, kick, gathering by machine, elastic. Ruffles-single, double.</td>
</tr>
<tr>
<td><strong>Exercise 4:</strong></td>
<td>Preparation of samples for facing and binding-bias facing, shaped facing, binding.</td>
</tr>
<tr>
<td><strong>Exercise 5:</strong></td>
<td>Preparation of samples for plackets and fasteners-continuous, bound, faced and zipper plackets, button and buttonhole, press button, hook and eye.</td>
</tr>
<tr>
<td><strong>Exercise 6:</strong></td>
<td>Preparation of samples for sleeves-plain sleeve, puff sleeve (any one type), raglan or cap sleeve.</td>
</tr>
<tr>
<td><strong>Exercise 7:</strong></td>
<td>Preparation of samples with yoke --simple yoke, yokes supporting fullness.</td>
</tr>
<tr>
<td><strong>Exercise 8:</strong></td>
<td>Preparation of samples for collar - peter pan collar, shirt collar,</td>
</tr>
<tr>
<td><strong>Exercise 9:</strong></td>
<td>Preparation of samples for pocket-patch pocket</td>
</tr>
</tbody>
</table>

**Reference Books:**

1. Nora Abousteit and Alison Kelly, The Burda Style Sewing Handbook  
3. DK Publishing: The Complete Book of Sewing  
4. Kelvey Kathryn Mc, fashion Source Book  
5. Ireland Patrick John, Encyclopedia of Fashion detail  
6. Ireland Patrick John, Introduction to Fashion Design  
7. Tate Sharon Lee, Inside Fashion Design  
8. Kelvey Kathryn Mc., Illustration Fashion
## Computer Lab

**Exercise 1:**
Word processing,

**Exercise 2:**
Create presentation,

**Exercise 3:**
Design a visiting card

**Exercise 4:**
Design a postcard

**Exercise 5:**
Design a brochure

### Reference Books:

2. Dennis Ritchie and Brian Kernighan, The C Programming Language
3. Kernighan and Pike, The Practice of Programming
4. Peter van der Linden, Expert C Programming, Deep C Secrets
Exercise I:

Lines and line drawings – object drawing and perspective view drawings, enlarging and reducing motifs. Learning the usage of various drawing and sketching mediums- pencils, ink, charcoal, brushes, crayons, water colour and poster colours.

Exercise II:

Drawing a stick figure for both normal and fashion figure. Forming a fleshy figure over a stick figure.

Exercise III:

Dividing the figure into various parts using lines like plumb line, center front line, Princess line, waistline, side seam, armholes, jewel neckline, panty line, bust line etc., Practicing the art of creating textures.

Exercise IV:

Illustrating pattern details- pockets, sleeves, yokes, skirts, trousers, tops etc., Illustrating different type of ornaments and accessories.

Exercise V:

Illustrating details of ruffles, cowl’s, shirring, smocking, quilting, draping, gathers, pleats, frills and flounces. Basic concept and types of silhouette.

Reference Books:

1. Ireland Patrick John, Fashion Design Drawing &Presentation, Children, Men
2. Ritu, Fashion Design illustrations
3. Julian Seaman, Foundation in fashion design and illustration
Exercise 1:
Conversation between two students recorded on camera. To be self-critiqued.

Exercise 2:
Reporting on various types of radio programmes monitored by them.

Exercise 3:
Presentation on TV programmes watched on the previous day.

Exercise 4:
Rewriting Headlines of Newspapers (Hindi & English) on the display boards.

Exercise 5:
Reading of day’s newspapers followed by discussions.

Exercise 6:
Writing exercises to inform, report and persuade.

Exercise 7:
Using microphones (Public Speaking/Presentation Situations).

Exercise 8:
Interview and Group Discussion sessions.

Exercise 9:
Book Reading, Reviews, Appreciation.

Exercise 10:
Effective Presentation using various audio – visual aids.
Exercise 1:
Basic Blocks for Kids & Women.

Exercise 2:
Dart Manipulation: Creating dart equivalents: Semas, Added Euilness, Yokes

Exercise 3:
Pattern Grading: Basic Block-Kids, Basic Block (with dart) -Women

Exercise 4:
Pattern Layout using ¼ Scale patterns for striped fabric, bold designs, asymmetric design & one way designs.

Reference Books:
1. Steffani Lincecum, Patternmaking for a Perfect Fit: Using the Rub-off Technique to Re-create and Redesign Your Favourite Fashions
2. Helen Joseph - Armstro, Patternmaking for Fashion Design
3. Lori A. Knowles, Practical Guide to Patternmaking for Fashion Designers: Juniors, Misses and Women
4. Donald H. Mc Cunn, How to Make Sewing Patterns (Paperback)
5. Patternmaking: A Comprehensive Reference for Fashion Design
7. Winifred Aldrich. Metric Pattern Cutting for Women
## Semester: II

### Unit I:

Basic Communication Theory: Importance of Communication – Stages of communication, Modes of Communication – Barriers to Communication-Strategies for Effective Communication – Listening: Importance, Types, and Barriers – Developing Effective Listening Skills.

### Unit II:


### Unit III:

Writing: Effective Sentences, Cohesive Writing, Clarity and Conciseness in Writing – Introduction to Technical Writing – Better Paragraphs, Definitions, Practice in Summary Writing – Four modes of writing – Use of dictionaries, Indices, library References – Making Bibliographical Entries with Regard to Sources from Books, Journals, Internet etc.

### Unit IV:


### Unit V:


### Reference Books:

1. B. K. Das et al., Cambridge, An introduction to Professional English and Soft Skills University Press (Facilitated by BPUT)
4. Alan Pease, Understanding Body Language
5. Geoffrey Leech and Ian Svartik. Communicative Grammar of English
6. J.D. O’Connor Better English Pronunciation
<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Leçon</th>
<th>Grammaire</th>
<th>Aspect Communicatif</th>
<th>Conjugation des Verbes</th>
<th>Vocabulaire</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Les Salutations</td>
<td>Pronoms Sujets C’est, il est, elle est</td>
<td>1. Se Présenter</td>
<td>Etre, appeler, s’appeler</td>
<td>1. Les professions</td>
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<td></td>
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<td>2. Saluer</td>
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<td>2. Les Langues</td>
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<td>4. Les pays</td>
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<td>5. Les nombres – 1 á 20</td>
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<tr>
<td>2.</td>
<td>Objets et personnalités</td>
<td>Article défini et indéfini – adjectifs interrogatifs – usage</td>
<td>1. Interroger quelqu’un</td>
<td>Verbes</td>
<td>1. Les nombres (suite) – 21 á 60</td>
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<td>de C’est, il y a</td>
<td>2. Poser des questions</td>
<td>1. Avoir</td>
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<td>3. Les saisons</td>
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<td>3.</td>
<td>A quelle heure?</td>
<td>1. Article défini contracté avec à</td>
<td>1. Demander l’heure</td>
<td>Verbes avec terminaison ir finir, grandir, choisir</td>
<td>1. jours de la semaine</td>
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<td></td>
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<td>3. Exprimer les goûts et les préférences</td>
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<td>3. Les saisons</td>
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<tr>
<td>4.</td>
<td>Les Vacances</td>
<td>1. Interrogation</td>
<td>1. Exprimer une opinion</td>
<td>Verbes</td>
<td>1. Expressions avec mots de quantité</td>
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<td>3. Pronoms toniques</td>
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<td>5.</td>
<td>La librairie cluny</td>
<td>1. L’adjectif possessif Etre à + noun/ pronom</td>
<td>1. Donner son pinion</td>
<td>Verbe Pouvoir – vouloir</td>
<td>Nombres 60 á 1000000</td>
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<td>2. on – adjectif indéfini</td>
<td>2. Pour s’orienter</td>
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<td>3. Préciser la possession</td>
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<td>2. Monuments indiens</td>
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<td>2. Négatif, Interrogative</td>
<td>2. action ponctuelle</td>
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<td>2. La liste des participes passés</td>
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<tr>
<td></td>
<td></td>
<td>3. Accord du participe passé</td>
<td>3. la fréquence d’une action</td>
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<td></td>
<td>5. liste des verbes irreguliers et</td>
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</tbody>
</table>
|   |   | leurs participes passés | Dialogue par téléphone | Verbe en **re**
1. prendre  
2. répondre  
3. attendre  
4. entendre | Le numéro de téléphone – les mots reliés à la communication |
|---|---|---|---|---|
| 8. | Comment téléphoner | Adjectifs qualificatifs | 1. Emploi des mots  
D’abord,  
puis,  
ensuite,  
après, enfin  
2. exprimer la fréquence toujours,  
souvent,  
quelque – fois, jamais.  
3. exprimer la continuité – encore - ne…. plus | Verbe Partir, dormir, sortir  
1. Succession des événements  
2. Le temps qu’il fait |
| 9. | Un voyage | Pronom relatif – **qui, que, où.** | 1. Futur – la formation et L’usage  
2. Verbes impersonnels - Pleuvoir,  
falloir, faire chaud/froid | Exprimer une action qui aura lieu dans le futur  
Verbes: Parler, finir, prendre, être, avoir, recevoir ( au futur) |
| 10. | Emploi |  |  |  |
| 11. | La Mode | 1. Les Vêtements  
2. Les Sous Vêtements  
3. Les Chaussures  
4. Acheter un Vêtement |  |  |

**Reference Book:**
1. Lesson 11 - Vocabulaire progressif du Français (CLE Internationl)
### Unit I:

Elements of woven design, Methods of fabric representation, draft and lifting plan, construction of elementary weaves – plain, wrap rib, weft rib, twill, modification of twills, satin and sateen weaves – their derivatives.

### Unit II:

Ordinary and brighten honey comb, its modification, hack a back and its modifications, crepe weaves, mock leno.

### Unit III:

Extra warp and extra weft figuring – single and two colours, planting, backed fabric, warp and weft backed fabrics.

### Unit IV:

Pile fabric – Formation of pile – weft pile – plain back, twill back – length, density and fastness of pile – corduroy weft plush. Warp pile – Terry pile, with the aid of wires, face to face warp pile.

### Unit V:

Double cloth – classification, self-stitched – faces to back, back to face, both. Centre stitched – warp and weft. Interchanging double cloth.

### Reference Books:

1. Watson W., Textile Design & colour: Elementary Weaves & Figured Fabrics
2. Watson W., Advanced Textile Design

Robinson, M. Fabric Structure
Unit I:
Sewing Machineries- Classification of sewing machines, parts functions of single Needle machine, over lock machine, bar tacking machine, button Hole making machine, button fixing machine, blind stitching Machine, fabric examining machine. Special attachments, care and maintenance, Common problems and remedies.

Unit II:
Stitching mechanism- Needles, bobbin and bobbin case, bobbin winding, loops and loop Spreader, upper and lower threading, auxiliary hooks, throat plates, take-ups, tension discs- upper and lower thread tension, stitching auxiliaries, pressure foot and its types, Feed mechanisms - drop feed, differential fed, needle feed, compound feed, unison feed, puller feed.

Unit III:
Cutting technology – definition, function, scope. Cutting equipment and tools, vertical reciprocity cutting machines, rotary cutting machine band knife cutting machine, die cutters. Types of spread and its quality, spreading equipment and tools used for spreading, spreading methods.

Unit IV:

Unit V:

Reference Books:

2. Gkock, Grace, Kunj, Apparel Manufacturing
<table>
<thead>
<tr>
<th>Exercise 1:</th>
<th>Preparation of samples for necklines</th>
</tr>
</thead>
</table>
| Exercise 2 | Preparation of samples for different skirts  
  - Gathered skirt  
  - Pleated skirt  
  - Layered skirt  
  - A Line skirt  
  - Two piece skirt  
  - Four piece skirt  
  - Yoke skirt |
| Exercise 3 | Attach different types of sleeves into basic bodice  
  - Plain, puff, circular  
  - Raglan, Magyar |
| Exercise 4 | Attach different types of collars into basic bodice  
  - Peter pan collar  
  - Bishop collar |

**Reference Books:**

1. Gkock, Grace, Kunj, Apparel Manufacturing  
6  Fabric Analysis Lab

Identification of the following weaves Design and Draft a peg plan for the same.

Exercise 1:
Plain weave and its derivatives (Warp rib, Weft rib)

Exercise 2:
Twill Weave – Right hand twill and Left hand twill.

Exercise 3:
Satin

Exercise 4:
Sateen

Exercise 5:
Honey comb Weave

Exercise 6:
Huck a back Weave

Exercise 7:
Extra Warp and Weft Figuring.

Exercise 8:
Double cloth.

Exercise 9:
Terry pile structures

Reference Books:
1. Craig Huntington, Tensile Fabric Structures: Design Analysis and Construction
2. Watson W., Textile Design & colour: Elementary Weaves & Figured Fabrics
Exercise

Draft and make the patterns and graded patterns of the following

Basic bodice
Sleeve
Skirt
Blouse
Shirt
Pyjama
Kameez
Salwar
S.B West
Pleated Trousers

Reference Books:

1. Michele Lininger, Patternmaking and Grading Using Gerber's Accomack Pattern Design Software
2. Winifred Aldrich, Metric pattern Cutting for Children’s Wear and Babywear
3. Norma Carolyn, Pattern Making
4. Gerry Cooklin, Pattern cutting for women’s outerwear
5. Armstrong, Pattern making for fashion design
## Environmental Studies

### Unit I:

Multidisciplinary nature of environmental Studies-Definition, scope and importance, need for public awareness.

### Unit II:

Natural Resources: Renewable and non-renewable resources, Natural resources and associated problems. a) Forest resources: Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forest and tribal people. b) Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems. c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies. d) Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies. e) Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources. Case studies. f) Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification. Role of an individual in conservation of natural resources. Equitable use of resources for sustainable lifestyles.

### Unit III:


### Unit IV:


### Unit V:

Unit VI:


Unit VII:


Reference Books:

1. Mike Hulme, Climates and Cultures
2. Mark Garrett, Encyclopedia of Transportation Social Science and Policy
4. John A Matthews, Encyclopaedia of Environmental Change
# SEMESTER III

<table>
<thead>
<tr>
<th></th>
<th>Textile Wet Processing-I</th>
</tr>
</thead>
</table>

**Unit I:**

Sequence of processes used in Textiles Wet Processing for cotton, polyester, and cotton blend- brushing and shearing-singeing- enzyme designing method- alkali scouring by kier boiling, J box, bleaching, mercerization

**Unit II:**


**Unit III:**


**Unit IV:**

Roller Printing, Screen Printing- Tie and Dye- Flock Printing, Transfer Printing, Sublimation Transfer printing- Preparation of Logos and motifs for fixing on garments.

**Unit V:**

Fabric and Garment Finishing: Basic and functional finishes- Water repellence, Water Proofing, Flame Retardant, Anti shrinkage, Stiffening, Glazing, Embossing and moireing

**Reference Books:**

1. Dyes and Dye intermediates by NIIR Board of consultants and Engineers
2. Textile Finishing, W.S.Murphy, Abishek publications
# Fashion Marketing and Merchandising

<table>
<thead>
<tr>
<th>Unit I:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Retail, Marketing, Management and Merchandising, terminologies</td>
<td></td>
</tr>
<tr>
<td><strong>Unit II:</strong></td>
<td></td>
</tr>
<tr>
<td>Fashion Retailing-History, Scope, Importance, Types (Domestic and International), techniques, channel of distribution</td>
<td></td>
</tr>
<tr>
<td><strong>Unit III:</strong></td>
<td></td>
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<tr>
<td>Marketing – types, four P’s, fashion promotion advantages, trade shows, Market weeks, exhibitions, fashion shows, market survey and research</td>
<td></td>
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<tr>
<td><strong>Unit IV:</strong></td>
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<tr>
<td>Types of merchandising, concepts, merchandise planning, sampling- Importance, counter sample.</td>
<td></td>
</tr>
<tr>
<td><strong>Unit V:</strong></td>
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<tr>
<td>Brand Building-Introduction, strategies, image building, brand expansion, global trends</td>
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<tr>
<td><strong>Unit VI:</strong></td>
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<tr>
<td>Visual Merchandising-Interior, exterior window displays, store planning and layout-fixtures, location, lighting, dressing, props and promotions, masking and proscenia, mannequins and three dimensional dressing</td>
<td></td>
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<tr>
<td><strong>Unit VII:</strong></td>
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<tr>
<td>Introduction to customer relationship management, measuring customer relationship management, customer response, satisfaction, loyalty, customer relation and complaint management.</td>
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<tr>
<td><strong>Unit VIII:</strong></td>
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<tr>
<td>Retail merchandiser, concept, quick response, Just –in-Time, merchandiser calendar, trend analysis, forecast analysis, concepts of apparel product line, planning, directing, coordinating and controlling</td>
<td></td>
</tr>
</tbody>
</table>

**Reference Books:**
3. Gibson, G. Vedomani, Retail Management, Jaico Publishing House, Bangalore
7. Easey Mike, Fashion Marketing
8. Kotler Philip, Marketing Management
9. Constantino Maria, fashion Marketing & PR
10. Nicholas Alexander, International Retailing
# Design Concept and Methodology

## Unit I:
Design Definition, Types structural design and decorative design, types of desizes – natural, stylized geometrical, and abstract.

## Unit II:
Elements of design – line shape, colour, size & Texture, Art & Principle – Balance, Rhythm, emphasis, harmony & proportion.

## Unit III:
Colour, colour theories, prang & Munsell, Dimensions of colour – Hue value & intensity, colour scheme and texture.

## Unit IV:
Trimmings & Decoration – Definition and types, Figure irregularities, Wardrobe planning.

## Unit V:
Design development and adjustment Selection of design for end uses.

**Reference Books:**

1. Elements of fashion & apparel design
# Organizational Behaviour

## Unit I:
Nature of organizations, why organizations exist, organizational effectiveness, nature or organizational behaviour, (OB), foundations of OB, importance and shortcomings of OB, historical roots of OB, interdisciplinary focus, approaches to OB

## Unit II:

## Unit III:
Group and Interpersonal behaviour - group dynamics - why groups form, types, group norms, cohesiveness, decision making / styles, strategies for improving decision making teams - special types of groups, types of teams, Power and political behaviour - sources of power, effective use of power. Organisational policies, forces creating political behaviour, personality and political behaviour. Conflict - Sources and strategies to resolve conflict. Leadership - styles, contemporary developments. Interpersonal communication - essentials, networks, communication technologies, non - verbal communication, barriers, strategies to overcome barriers.

## Unit IV:
Organizational process Organizational design - types and their behavioural implications. Organizational change - cause for change, why change resisted - managing change. Organization culture - how is culture created and sustained.

## Unit V:
OB - Emerging challenges, managing diversity, globalization, technology transformation, e business, promoting ethical behaviour.

### Reference Books:
1. John B. Miner, Organizational Behaviour: Foundations, Theories, and Analyses
2. Brethower, Dale M, Understanding Behaviour of Organizations to Improve Behaviour in Organizations
3. Oliver E. Williamson, Organization Theory: From Chester Barnard to the Present and Beyond
4. Ronald R. Sims, Managing Organizational Behaviour
5. Peter Makin; Charles Cox, Changing Behaviour at Work: A Practical Guide
### Exercise 1:
Preparation of samples for processing

### Exercise 2:
Desizing

### Exercise 3:
scouring

### Exercise 4:
Bleaching

### Exercise 5:
Dyeing Acid basic, direct, Napthol, Sulphur, Vat & Disperse dyes

### Exercise 6:
Reactive dyes (Hot and cold).

### Exercise 7:
Test of absorbency Test of shrinkage.

### Reference Books:

1. Arthur Courtney Hayes, Experiments in wet processing textile fibres: A laboratory manual supplementing a comprehensive course in textile chemistry
<table>
<thead>
<tr>
<th>Unit I:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Costumes: beginning of costumes, origin of clothing, growth of dress, painting, cutting and other methods</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit II:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Costumes of India: traditional costumes of different states of India. Fabric Development of India: different traditional textiles and embroideries, brocades, dyed and printed textiles</td>
<td>Costumes of ancient civilization</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit III:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Costumes: Thailand, Cambodia, Philippines, Srilanka, Indonesia, Burma, Pakistan, China, Japan</td>
<td></td>
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<table>
<thead>
<tr>
<th>Unit IV:</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>French Costumes during renaissance-Ad 1500-1600</td>
<td>English Textiles and Costumes- Middle Age</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit V:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>American Costumes-18th-20th Century</td>
<td>Development of Apparel Industry through different stages</td>
</tr>
</tbody>
</table>

**Reference Books:**

1. A History of Fine Arts in India and the West / Edith Tomory / Orient Longman
2. Francois Boucher, 20,000 Years of Fashion the History of Costume and Personal Adornment
3. DK Fashion: The Definitive History of Costume and Style.
4. Cally Blackman, 100 Years of Fashion
5. Kyoto Costume Institute, Fashion: A History from the 18th to the 20th Century
6. Alkazi Roshan, Ancient indian Costumes
7. Peacock John, The chronicle of Western Costumes
8. Illustrated Encyclopedia of Costume and Fashion
<table>
<thead>
<tr>
<th>7</th>
<th><strong>Traditional Embroideries of India</strong></th>
</tr>
</thead>
</table>

Prepare samples for the following

**Exercise 1:**
Hand embroidery – 20

**Exercise 2:**
stitches -10

**Exercise 3:**
samples

**Exercise 4:**
Traditional embroidery - Embroidery of Kashmir

**Exercise 5:**
Phulkari of Punjab

**Exercise 6:**
Gujarat – Kutch embroidery,

**Exercise 7:**
embroidery of Rajasthan

**Exercise 8:**
Kasuti of Karnataka

**Exercise 9:**
Chicken work of Lucknow

**Exercise 10:**
Kantha of Bengal

**Exercise 11:**
Machine Embroidery

**Exercise 12:**
Samples. Smocking - 3 types.

**Reference Books:**

1. Chatopadhyay K D, Embroideries of India
2. Beaney J, A complete guide to Creative Embroidery designs
3. Cassell, Contemporary Embroidery
4. Gill R, Indian Embroidery
Exercise 1:
Designing, drafting and constructing the following garments for the features Prescribed List
the measurements required and materials suitable Calculate the cost of the garment Calculate
the material Required-Layout method and direct measurement Method 1. Bib- Variation in
outline shape

Exercise 2.
Panty-plain or plastic lined panty

Exercise 3.
Jabla- without sleeve, front open (or) Magyar sleeve, back opens

Exercise 4.
Baba suit- knicker with chest piece attached (or) Romper

Exercise 5.
Summer frock- with suspenders at shoulder line, without sleeve/collars(or) Angel top with
raglan sleeve, fullness at neck line

Exercise 6.
Yoke frock- yoke at chest line, with open, puff sleeve, gathered skirt9OR0 frock- with collar,
without sleeve, gathered/ circular skirt at waist line(or) Princess line frock

Exercise 7.
Knicker- elastic waist, side pockets

Exercise 8.
Shirt- open collar, with pocket

Reference Books:
1. Naoki Watanabe, Contemporary Fashion Illustration Techniques
2. Anna Kiper, Fashion Illustration: Inspiration and Technique
3. Kathryn Hagen, Fashion Illustration for Designers
4. Wood Dorothy, The Practical Encyclopedia of Sewing
5. Aitken Leila, Step by Step Dress Making
6. Armstrong Helen Joseph, Pattern making for fashion design
7. Aldrich Winifred, Metric Pattern Cutting for Women
## SEMESTER IV

### Unit I:
Organization of the Apparel Business: Introduction to apparel industry - organization of the apparel industry types of exporters Business concepts applied to the apparel industry - International trade.

### Unit II:

### Unit III:
Merchandising: Definition of merchandising - functions of merchandising division - Role and responsibilities of a merchandiser - different types of buyers - Communications with the buyers - awareness of current market trends – product development - line planning line presentation.

### Unit IV:

### Unit V:

### Reference Books:

5. Koontz & Heinz, Principles of Management
6. Easley Mike, Fashion Marketing
7. Kotler Philip, Marketing Management
8. Constantino Maria, Fashion Marketing & PR
9. Nicholas Alexander, International Retailing
### Unit I:

### Unit II:

### Unit III:

### Unit IV:

### Unit V:

#### Reference Books:

1. Elliot B Grover, Dame S Hamby. Handbook of textile testing and quality control
2. JE Booth, Principles of Textile Testing
3. P Angappan, R Gopalakrishnan, Textile Testing
4. Handbook of Textile Testing and Quality Control by Grover and Hamby
### Textile Wet processing-II

**Unit I:**

**Unit II:**

**Unit III:**

**Unit IV:**

**Unit V:**

**Reference Books:**

1. Amran Hossain Eron, Dyeing and Chemical Technology of Textile Fibers.
2. NIIR Board of Consultants & Engineers, The Complete Technology Book on Textile Spinning, Weaving, Finishing and Printing
# Computer Application in Fashion Industry

## Unit I:
Classification of computers, computer generations, computer specification, organization of computer sections. Types of storage devices (primary and secondary), input devices, output devices.

## Unit II:
Role of computers in fashion industry – Information flow – CAD, CAM, CIM, CAA, PDC – Definition and functions. Computers in production planning and production scheduling, computerized colour matching system.

## Unit III:

## Unit IV:
CAD in pattern making and grading – system description – information flow – process involved in pattern making, process involved in pattern grading.

## Unit V:

## Reference Books:
1. Jinlian Hu, Computer Technology for Textiles and Apparel
2. R Sheela John, Dr S Amsamani, Computers in the Garment Industry
4. Suggested Software – Coral draw, Photoshop, Illustrator
# Textile Testing Lab

## Testing of the fabrics

**Exercise 1:**
Yarn count testing

**Exercise 2:**
Yarn twist testing

**Exercise 3:**
Satin

**Exercise 4:**
Stiffness testing

**Exercise 5:**
Abrasion resistance testing

**Exercise 6:**
Crease recovery testing

**Exercise 7:**
Crimp testing

**Exercise 8:**
Shrinkage testing

**Exercise 9**
Crease recovery testing

## Reference Books:

1. Elliot Brown Grover, Dame Scott Hamby, Handbook of textile testing and quality control
3. John E. Booth, Principles of textile testing: an introduction to physical methods of testing textile fibres, yarns, and fabrics
Designing in Corel Draw.

Exercise 1:
Creating motifs / small designs

Exercise 2:
Creating logos for branded companies

Exercise 3:
Creating labels; Name label, Size label, Care label

Exercise 4:
Creating text effects in CorelDraw

Exercise 5:
Creating Texturis and back ground in CorelDraw

Exercise 6:
Designing visiting cards, posters and greeting cards.

Exercise 7:
Drawing fashion silhouettes in CorelDraw

Exercise 8:
Designing Children’s garments; Jabla, A-line frock, Baba suit

Exercise 9:
Designing Women’s garments; Middi and top, Salwarkameez, Nightie

Exercise 10:
Designing Men’s garments; Single Breasted Vest, T-Shirt, Kurta pyjama
<table>
<thead>
<tr>
<th>Exercise</th>
<th>Description</th>
</tr>
</thead>
</table>
| EXERCISE 1 | BASIC BLOCKS FOR WOMEN’S WEAR  
Close fitting dress block (Sheath silhouette)  
Semi fitted dress block (Shift silhouette)  
Straight line dress block (Box fitting silhouette) |
| EXERCISE 2 | DRESSES  
ADAPTATION OF BASIC BLOCKS TO DRESSES |
| EXERCISE 3 | JEANS/ TROUSERS |
| EXERCISE 4 | INDIAN ETHNIC WEAR |

**Reference Books:**

1. Peg Couch, Garment Construction: A Complete Course on Designing and Making Clothing for Fit and Fashion (Illustrated Guide to Sewing)
2. Sarah Veblen, The Complete Photo Guide to Perfect Fitting
3. Alison Smith, The Sewing Book (Dk)
<table>
<thead>
<tr>
<th>Exercise 1:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Weave</strong>-Creation of various weaves, Creation of various stripes, checks, plaids, dobby designs, Application of colours, Weave insertion, Weave association, Fabric simulation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Exercise 2:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Design and Repeat</strong>- Creation of designs, tracing of designs, Repeat setting, Changing of repeat, Application of colours, Rendering &amp; draping on Figures, Flat Sketches.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Exercise 3:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Jacquard</strong>-Creation of designs, tracing of designs, Repeat setting, Application of colours, Application of weaves, Fabric simulation</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Exercise 4:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Knit</strong>-Creation of designs, tracing of designs, repeat setting, Application of stitches, Gauge setting, Fabric Simulation</td>
</tr>
</tbody>
</table>

**Reference Books:**

1. Dr. G. S. Suresh, Computer Aided Design Laboratory.
2. Software Used: Photoshop
Unit I:
Values-Meaning, Nature and their importance. Relation between needs and values hierarchy of values, place of values in character development and education.

Unit II:

Unit III:

Unit IV:

Unit V:
Professional values, National and International values, Planning and organizing for transition in the changing work Culture-Definition of profession, Vocation and career, Professional values and ethics, Professional Competence, devotion and confidence, professional efficiency, Accountability and Responsibility. Transition in the world of work-Learning as a dynamic process in the world of Work-Awareness of the changing career options, Understanding the work culture, Willingness to change, team Spirit. Knowledge of Indian Constitution –Basic values of citizens. Global village –Global values, values of health and health care population and environmental issues, Aggression and violence, Deviance, Discrimination, Drugs, Racial and ethnic relations.

Reference Books:
SEMESTER V

<table>
<thead>
<tr>
<th>1</th>
<th>Fabric &amp; Garment Care</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit I:</strong></td>
<td>Water- hard and soft water, methods of softening water. Laundry soaps – Manufacture of soap (Hot process, cold process), composition of soap, types of soap, soap less detergents, chemical action, detergent manufacture, advantages of detergents</td>
</tr>
<tr>
<td><strong>Unit II:</strong></td>
<td>Finishes – Stiffening Agents – Starch (cold water and hot water), Other stiffening agents, preparation of starch. Laundry blues, their application.</td>
</tr>
<tr>
<td><strong>Unit III:</strong></td>
<td>Laundry equipment – for storage, for steeping and Washing – Wash board, suction washer, wash boiler, washing machine. Drying equipment’s – outdoor and indoor types. Irons and ironing board – types of iron (box, flat, automatic, steam iron). Ironing board – different types.</td>
</tr>
<tr>
<td><strong>Unit IV:</strong></td>
<td>Principles of washing – suction washing, washing by kneading and squeezing, washing by machine - Process details and machine details. Laundering of different fabrics – cotton and linen, woollens, coloured fabrics, silks, rayon and nylon.</td>
</tr>
<tr>
<td><strong>Unit V:</strong></td>
<td>Special types of Laundry – water proof coats, silk ties, leather goods, furs, plastics, lace. Dry cleaning – using absorbents, using grease solvents. Storing – points to be noted. Stain removal – food stains, lead pencil, lipstick, mildew, nose drops, paint, perfume, perspiration / mildew, tar, turmeric and kum- kum. Care labels – washing, bleaching, Drying, ironing and different placements of label in garments.</td>
</tr>
</tbody>
</table>

**Reference Books:**

1. Julie Gallagher Clothing Care Basics: Tips for Fabric Care, Clothing Storage, and Saving Money by Keeping Your Favorite Clothes Looking Good Longer
2. D. Noemia Souza, Fabric Care
3. Cheryl Mendelson, Laundry: The Home Comforts Book of Caring for Clothes and Linens
<table>
<thead>
<tr>
<th>2</th>
<th>Apparel Quality Management</th>
</tr>
</thead>
</table>

**Unit I:**

**Unit II:**

**Unit III:**

**Unit IV:**

**Unit V:**

**Refered Books:**

1. Paula J. Myers-Mc Devitt, Apparel Production Management and the Technical Package
**Unit I:**

**Unit II:**
The Merchandise Mix: Introduction, Objectives, Concept of Merchandise Mix, Merchandise line, The Assortment of Products, Assortment strategy, Merchandise Mix of Show Off, Role of a merchandiser, Other Atmospherics in Merchandising, Colour scheme, Lighting

**Unit III:**

**Unit IV:**
Store Design and Display: Introduction, Objectives, Concept of Store Design and Display, Objectives of store design, Purpose and importance of display, Rules of display planning, Display Settings, Store Design, Exterior of a store, Interior of a store, Window displays, Merchandise Presentation Strategies, Colour blocking, Other techniques of merchandise placement, Physical materials used to support the display, Components of display, Some Useful Display Fixtures, Shelves, Gondolas, Round racks, Four ways, Saccades and fixation, Replenishes, Planogramming.

**Unit V:**
Store Image & Security: Introduction, Objectives, Concept of Image Mix, Elements of Image Mix, Merchandise, Fixtures, Sound/Music, Odour, Visuals, Employees, Elements that Levy Negative Impact on Shoppers, Change of Image, Security Issues

**Unit VI:**

**Reference Books:**
1. Swati Bhalla & AnuraagSingha , Visual Merchandising
2. Robert Colborne, Visual Merchandising: The Business of Merchandise Presentation
<table>
<thead>
<tr>
<th>4</th>
<th>Apparel Costing and Export Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit I:</strong></td>
<td>Cost estimation of yarn, knitted fabric, dyeing, printing &amp; finishing. Cost estimation for cutting, stitching, checking, forwarding, shipping and insurance – INCO terms &amp; their relationship with costing. Estimation of factory cost for vest, briefs, shorts, T-Shirts, pyjamas, children’s wear and women’s wear. Various factors to be considered in costing for domestic products &amp; international products.</td>
</tr>
<tr>
<td><strong>Unit IV:</strong></td>
<td>Import license – Procedure for import license – Import trade control regulation procedure – Special schemes – Replenishment license – Advance license – Split up license – Spares for after sales service license – Code number – Bill of entry.</td>
</tr>
<tr>
<td><strong>Unit V:</strong></td>
<td>Pre shipment inspection and quality control – Foreign exchange formalities – Pre shipment documents. Shipment of goods and port procedures – Customs clearance.</td>
</tr>
</tbody>
</table>
| **Reference Books:** | 1. Chuter A.J. Introduction to clothing production management 
2. Giolleo and Berks Fashion Production Terms 
3. Mehta Pradeep V - Managing The Quality In Apparel Industries – New age International (P) Ltd |
5 Pattern Making & Garment Construction for Adults

Designing, drafting and constructing the following garments for the features prescribed - List the Measurements required and Materials suitable - Calculate the cost of the garment Calculate the material required – Layout Method and Direct Measurements Method.

**Exercise 1:**
Saree, Petticoat- Six Panel, Decorated bottom.

**Exercise 2:**
Skirts – Circular/umbrella/panel with style variations.

**Exercise 3:**
Blouse- front open, Fashioned neck, Waist band at front, with sleeve.

**Exercise 4:**
Salwar (or) Churidhar (or) Parallels (or) Bell Bottom

**Exercise 5:**
Kameez – with /without slit, with or without flare, with /without opening, with or without panels, with /without yoke.

**Exercise 6:**
Nightie – With yoke, front open, with sleeve, full length.

**Exercise 7:**
Ladies pant- waist band, zip attached, tight fitting / parallel pants.

**Exercise 8:**
Short kurta / top – Decorative / surface design in tailored placket, with or without collar.

**Exercise 9:**
Single Breasted Vest – with/ without collar, button attached, sleeveless

**Exercise 10:**
Full sleeve shirt – full open, shirt collar, patch pocket, full sleeve with cuff

**Exercise 11:**
Kalidarkurtha – kali piece, side pocket, round neck, half open

**Exercise 12:**
Pyjama- Elastic /Tape attached waist.

**Exercise 13:**
Pleated trousers – pleats in front, Darts at back, side pocket, fly with button /zip. Exercise 6. T-Shirt –open collar, zip attached

**Exercise 7:**
Bermuda’s –patch pocket

**Reference Books:**
1. Wood Dorothy, The Practical Encyclopedia of Sewing
2. Aitken Leila, Step by Step Dress Making
3. Armstrong Helen Joseph, Pattern making for fashion design
4. Aldrich Winifred, Metric Pattern Cutting for Women
<table>
<thead>
<tr>
<th>Exercise</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Students will develop a Collection on any one of the following categories.</td>
</tr>
<tr>
<td></td>
<td>• Women’s</td>
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<tr>
<td></td>
<td>• Kid’s</td>
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<tr>
<td></td>
<td>• Men’s –</td>
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<tr>
<td></td>
<td>Each collection will incorporate supporting design process as follows, -</td>
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<tr>
<td>2</td>
<td>Mood board</td>
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<tr>
<td>3</td>
<td>Story board</td>
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<tr>
<td>4</td>
<td>Fabric development</td>
</tr>
<tr>
<td>5</td>
<td>Design development</td>
</tr>
<tr>
<td>6</td>
<td>Range development</td>
</tr>
<tr>
<td>7</td>
<td>Pattern Making &amp; Development of Final Collection</td>
</tr>
<tr>
<td>8</td>
<td>Flats and specifications</td>
</tr>
<tr>
<td>9</td>
<td>Cost sheet.</td>
</tr>
</tbody>
</table>
Exercise 1:
Application of colour harmony in Design
Monochromatic colour harmony - Analogous colour harmony - Complementary colour harmony
Double Complementary colour harmony - Split complementary colour harmony Triad colour harmony - Tetrad colour harmony - Neutral colour harmony.

Exercise 2:
Applications of Principles of design in dress design.
Balance - Formal and informal - Rhythm – by line movement, gradation, repetition. Emphasis - Proportion - Harmony

Exercise 3: Design Garments for the following.
Party Wear – Women, Men, Children.

Exercise 4:
Design Garments for the following.
Sports Wear - Tennis - Basketball/football (men and Women), Golf, any other - Fashion show – Children, men and women -

Exercise 5:
Design Garments for the following.
Winter Wear - Children, men and women –

Exercise 6:
Design Garments for the following.
Summer Wear - Children, men and women - Spring Wear - Children, men and women –

Exercise 7:
Design Garments for the following.
School uniforms – Preschool, school, higher secondary and college going students- boys and girls.
LIST OF EXPERIMENTS

1. Draping of the basic Blocks for Men’s and Women (top and bottom)
2. Draping for Men’s trouser (pleats and Flange)
3. Draping for Women’s Tops (application of Dart manipulation principle)
4. Draping for Women’s Bottoms (skirts, pants – Added fullness techniques Gatherings and pleats)
5. Draping for children’s dresses
6. Draping for Dungaree and work wear
7. Creative Draping
8. Draping of cowls & twists for Women

Reference Books:
1. Jaffe and Rellis, Draping for Fashion Design
2. Amaden Connie - Crawford, The Art of Fashion Draping
3. Armstrong Helen Joseph, Draping for Fashion Design
## SEMESTER VI

<table>
<thead>
<tr>
<th>1</th>
<th>Retail Management</th>
</tr>
</thead>
</table>

**Unit 1:**

Introduction to Retailing: Concept of retailing, Functions of retailing, Terms & Definition, Retail formats and types, Retailing Channels, Retail Industry in India, Importance of retailing, Changing trends in retailing.

**Unit 2:**

Understanding the Retail Consumer: Retail consumer behaviour, Factors influencing the Retail consumer, Customer decision making process, Types of decision making, Market research for understanding retail consume

**Unit 3:**


**Unit 4:**

Retail Location Selection: Importance of retail locations, Types of retail locations, Factors determining the location decision, Steps involved in choosing a retail location, Measurement of success of location

**Reference Books:**

1. Barry Berman, Retail Management
2. Gibson G. Vadamani, Retail Management
3. U. C. Mathur, Retail Management: Text and Cases
## Event Management

**Unit 1:**
Events, their need and management, Events and Event Management: What are events, Types of event & Event Management, Understanding Events - Events as a communication tool. Events as a marketing tool. The Need: Why do we need events; Growing importance of events like, exhibitions, seminars and conventions worldwide

**Unit 2:**
Principles of event management planning, Creativity, Event feasibility, The competitive environment Setting realistic objectives, Taking a brief, Time lines and budgeting.

**Unit 3:**
Marketing Event Management, The marketing mix, Branding, Market segmentation, Pricing, Advertising and marketing the event, Promotion, Market research, International marketing

**Unit 4:**
Sponsorship, Core principles of sponsorship, Why companies sponsor, Elements of good sponsorship Identifying appropriate sponsors and sponsorships, Managing sponsorship relationships

**Unit 5:**
PR in Event Management, Creating a PR plan for your event, Press and broadcast media relations, Getting material onto TV and radio, Briefing journalists, Preparing press releases and press packs, Commissioning and briefing photographers, Maximizing publicity opportunities for your event

**Reference Books:**

1. Lynn Van Der Wagen, Event Management
2. Event Management: A Booming Industry and an Eventful Career
### 3 Home Furnishing

**Unit I:**

Introduction to home textiles, definition, types of home textiles, factors influencing selection of home textiles, recent trends in home textiles

**Unit II:**

Floor and wall coverings – definition, types of floor covering – hard, soft and resilient floor coverings and uses and care and maintenance of floor coverings. Wall covering- definition, uses, care and maintenance of wall coverings.

**Unit III:**

Door and window treatments –definition and parts of door and windows, curtains and draperies – definition and materials used for curtains and draperies. Types of Curtains – draw, tailored, pleated, café, three tier curtains. Types of Draperies – swags. Accessories- rods hook, rails, racks, curtain tape pins.

**Unit IV:**

Soft furnishings for living and bed linen. Introduction to living and bedroom linens, types-sofa, sofa covers, wall hangings, cushion, cushion covers, upholsteries, bolster and bolster covers, bed sheets, covers, blankets, blanket covers, comfort and comfort covers, bed spreads, mattress and mattress covers, pillow and pillow covers, pads, uses and care.

**Unit V:**


**Reference Books:**

2. Parkash K, Traditional Indian Motif’s for Weaving & Textile Printing
4. V. Ramesh Babu, Home Furnishing (Woodhead Publishing India in Textiles)
Every student will be assigned the Final Project at the end of the Fifth Semester.

The Final Project will be pursued by him/her under the supervision of an internal supervisor in the Sixth semester. The student will make his/her final project on the subject/theme approved by the Director of the Institute/HOD in the fifth semester.

The Project Reports (induplicate) both hard & soft copy will be submitted by the students at least four weeks prior to the date of commencement of the End-Term Examination of the Sixth Semester. At the time of viva, the students will make a Power Point Presentation of the Final Project.

The Project Report carries 100 Marks. It will be evaluated by External and Internal Examiners separately from out of 50 marks each.
5 Internship

- Students will be asked to go for 3 days in week internship training during final semester
- Students will be given a case study during the internship and they have to submit a report thereon at the end of the semester, on dates announced by the institute/department. The guidelines for training will be provided by the institute/department.
- A team consisting of Internal & External experts will evaluate the Record and conduct the Viva Voce at the end of the Final Semester.