

*Placed at the meeting of
Academic Council
held on 26.03.2018*

APPENDIX - AM
MADURAI KAMARAJ UNIVERSITY
(University with Potential for Excellence)

B. Sc. COSTUME DESIGNING & FASHION TECHNOLOGY - SEMESTER
REVISED SYLLABUS
(EFFECT FROM THE ACADEMIC YEAR 2018-2019)

INTRODUCTION OF THE PROGRAMME

B.Sc., course in Costume Designing & Fashion Technology deals with the design development and manufacturing of garments. Design is very important part of the garments. Fashion designing involves creation of new designs for garments and accessories to meet the needs of the people with the change of trend. The scope of the fashion design does not limit to designing clothes and garments, it can cover wider areas of design in the field of Jewellery, Accessories, Footwear and Bags etc. Different decorative elements are also incorporated in readymade garments so as to increase their sales value and earn valuable foreign currency, which our country needs now. The designer is the center of these transformations. The strategic role of designers is increasing. They are meeting the requirements of the sector and the evolution of the industry. The creative people are a support for the customers as they create new products to attract new markets.

The textile design option is more appropriate for graphic and artistic designers. This is for students who love to draw and use different colors and transform a piece of cloth into a masterpiece through Weaving, Dyeing, Knitting and Embroideries.

The fabrics after subjecting to various wet processes like bleaching, dyeing, printing and finishing etc., are made into garment form. At present the marketability of Made-ups, readymade garments is very good both in the national and international market.

After spinner makes yarn, weaver/knitter makes fabric and textile processor bleaches, colours and finally finishes the fabric, the work of the garment maker starts. Usually garments are not much made out of grey fabric due to poor dye absorbency, unattractive natural colour present on the fabric. Since the sale of garments are the increase as compared with fabric in both local and export market, it is very essential to have this technology imparted to students who will get lot of job opportunities in garment factories, which are located throughout our country. In fact, there is a demand from the local market for a designer who knows garment designing and garments manufacturing.

The subjects which are of prime importance for a garment technologists namely Fibre Science, Yarn & Fabric manufacture, Wet processing, Testing of Textiles (both physical and chemical testing), apparel designing, fashion designing, Pattern making, garment construction, home textiles and finishing of various type of garments & apparel, production process, Quality control, Merchandising and Management of industries are dealt in this L-scheme syllabus in depth wherever possible. Besides, computer programming and its applications to Garment fashion designing is also included.

Sufficient practical subjects are also included for supporting theory subjects. The expectation from the students is that, after completing the course, they should be in a position to select goods suitable for garment making, designing fashionable garments and finally, stitch them to make the finished product. Industrial visits, In-plant training, Guest lecture, Seminars, Study tours and Project work/Project report gives students scope for working individually and this to a greater extent improves the self-reliance of the students.

ELIGIBILITY FOR ADMISSION

Candidates seeking admission to the first year degree of Bachelor of Science in Costume Designing and Fashion Technology shall be required to have passed in any higher secondary (Academic) or (Vocational) course examination of the state board/CBSE/ICSE. The course shall extend over a period of three academic years – 6 Semesters and each semester normally consisting of 90 working days.

2.1 Duration of the Course : 3 Years

2.2. Medium of Instructions : English / Tamil

OUTCOME OF THE PROGRAMME

Students who study this course will have immense scope for self-employment and employment in supervisory and finally in managerial level in established garment manufacturing unit. Due to recent boost in the export of ready-made garments, the scope for this course at present is very high and there is no doubt that the demand will go on increasing in the years to come.

UNITIZATION

Each subject has five units.

PATTERN OF SEMESTER EXAM

Part A - (10x1=10 Marks) Choose the Correct Answer.

Part B – (5x7=35 Marks) Answer ALL Questions (Either or Choice).

Part C – (3x10=30 Marks) Answer any THREE Questions.

SCHEME FOR INTERNAL ASSESSMENT

Two Internal & One Model tests – 15 marks each; Average 15 Marks. Third test may be allowed for absentees of any covering all the five units. Peer Team Teaching – 5 marks. Two Assignments: 5 marks each; Average 5 marks.

Board Examinations in all subjects of all the semesters under the scheme of examinations will be conducted at the end of each semester.

The Internal assessment marks for all the subjects will be awarded on the basis of continuous internal assessment earned during the semester concerned. For each subject 25 marks are allotted for internal assessment.

EXTERNAL EXAM

The External assessment marks for all the subjects will be awarded during the semester Examination for each subject 75 marks are allotted for Board Examination.

QUESTION PAPER PATTERN

There are three Part in the question paper. Part A is Choose the Correct Answer, Part B is answer ALL Questions (Either or Choice) and Part C is answer any THREE Questions.

SCHEME FOR EVALUATION

Part A is Choose the Correct Answer, each answer has allotted one mark and totally 10 marks. Part B is answer ALL Questions (Either or Choice), each answer will give Seven marks and Part C is answer any THREE Questions, each answer has allotted 10 marks.

PASSING MINIMUM

The Internal minimum pass mark is 13 and External minimum pass mark is 23. The total pass mark is 40 in the final semester examination.

Classification

Sl. No	Range of CCPA	Class
1	40 & above but below 50	III
2	50 & above but below 60	II
3	60 & Above	I

MODEL QUESTIONS

<p>14. (a) What is brand management? Explain in a short account.</p> <p style="text-align: center;">Or</p> <p>(b) What is supply chain management?</p> <p>15. (a) Explain Retailing.</p> <p style="text-align: center;">Or</p> <p>(b) What are the types of Advertising?</p> <p style="text-align: center;">SECTION C — (3 × 10 = 30 marks)</p> <p style="text-align: center;">Answer any THREE questions.</p> <p>16. Explain in detail about the components and stages of fashion cycle.</p> <p>17. Elaborate the principles and techniques of fashion merchandising.</p> <p>18. Illustrate the effective expediting procedures in detail.</p> <p>19. Explain the terminology of fashion in detail.</p> <p>20. Elaborate the types of advertising.</p> <p style="text-align: center;">_____</p>	<p style="text-align: right;">1953/SCF8A51 NOVEMBER 2017</p> <hr/> <p style="text-align: center;">FASHION APPAREL MERCHANDISING</p> <hr/> <p>Time : Three hours Maximum : 75 marks</p> <p style="text-align: center;">SECTION A — (10 × 1 = 10 marks)</p> <p style="text-align: center;">Answer ALL questions.</p> <p style="text-align: center;">Choose the correct answer.</p> <p>1. A wide diversity of kinds and sizes of firms operate on each level of the _____ business.</p> <p>(a) fashion (b) fad (c) classic (d) none</p> <p>2. All fashions end in _____.</p> <p>(a) design (b) taste (c) excess (d) none</p> <p>3. There are _____ general factors that speed up fashion cycle.</p> <p>(a) 1 (b) 6 (c) 4 (d) 7</p>
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4 1953/SCF8A51

4. _____ are studies that divide broad groups of consumers.

- (a) Demographics (b) Psychographics
(c) Consumers (d) None

5. Apparel made in factories to standard size measurement is _____.

- (a) Costume-made (b) Fashionable made
(c) Ready-to-wear (d) Both (a) and (b)

6. _____ are studies that develop fuller, more personal portraits of potential customers.

- (a) Demographics (b) Psychographics
(c) Consumers (d) None

7. The _____ of a costume is its overall outline or contour.

- (a) silhouette (b) fashion
(c) fad (d) none

8. _____ income can be measured in terms of personal income.

- (a) Consumer (b) Customers
(c) Family (d) None

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9. The _____ is one of the most significant components of fashion.

- (a) Silhouette (b) Fashion
(c) Classic (d) Texture

10. The money that an individual or family can spend or save after buying necessities _____.

- (a) food (b) clothing
(c) shelter (d) all the above

SECTION B — (5 × 7 = 35 marks)

Answer ALL questions.

11. (a) What is fad? Explain.

Or

(b) What is a classic? Explain.

12. (a) Give a short account on merchandising.

Or

(b) Give a short account on the types of Indian fashion designers.

13. (a) What are the four components of all fashions?

Or

(b) Give a short account on visual merchandising.

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TEACHING METHODOLOGY

Black board teaching and usage of power point presentation should be followed for the effective teaching.

RE-TOTALING AND REVALUATION PROVISION

Candidates can apply for revaluation directly to the university within 20 days from the date of publication of results on website (for Semester students). The fee should be paid through SBI "ONLINE PAYMENT". The fee once paid will not be refunded under any circumstances. The duly filled – in application and the SBI online payment receipt along With the Xerox copy of the downloaded marks should be addressed to the "CONTROLLER OF EXAMINATIONS, MADURAI KAMARAJ UNIVERSITY, PALKALAI NAGAR, MADURAI – 625 021". Late applications will be rejected even though the fee has been paid in time. Defective applications will summarily be rejected. The university will not be held responsible for the delay / loss in postal /transit.

Candidates who have applied for revaluation are advised to register for the next examination, if necessary, within the due date, without waiting for the result of revaluation.

TRANSITORY PROVISION 3+3

(UG Syllabus revision once in 3 years and afterwards 3 years under transitory provision)

(PG Syllabus revision once in 2 years and afterwards years under transitory provision)

I SEMESTER

Part	Study Component	No of Cours	Credits per Course	No.of hours
I	Tamil / Other Languages	1	3	6
II	English	1	3	6
III	Core Subject Introduction to Fashion Designing	1	4	4+2 (P)
	Allied Subject Concept of Apparel Designing	1	4	4+2(P)
IV	Skilled based Subject Clothing machinery and equipment	1	1+1	1+1
	Fashion sketching	1	1+1	1+1
	Non- Major Elective (for Science students only) Embroidery & Surface Ornamentation	1	2	2
	Total	7	20	20

II SEMESTER

Part	Study Component	No of Course	Credits per Course	No. of hours
I	Tamil/other language	1	3	6
II	English	1	3	6
III	Core subject History of Costumes And Textiles Of India	2	4+2	4+2 (P)
	Allied subject Technology of fiber science and yarn manufacturing	2	4+1	4+2 (P)
	Skilled based subject Fabric Care	1	1+1	1+1
	Design Studio and Fashion Presentation	1	1+1	1+1
	Non- Major Elective (for Arts students only) Embroidery & Surface Ornamentation	1	2	2
Total		9	23	30
III SEMESTER				
I	Tamil / Other Languages	1	3	6
II	English	1	3	6
III	Core Subject Designing and constructing Children's Wear.	1	4+2	4+2(P)
	Allied subject I Textile Weaving And Fabric Structure	1	4+1	4+2(p)
	Allied subject II Textile Dyeing And Printing	1	4+1	4+2(p)
Total		5	18	30

IV SEMESTER				
I	Tamil / Other Languages	1	3	6
II	English	1	3	6
III	Core Subject Designing and constructing Women's Clothes	2	4+2	4+2(P)
	Allied subject - I Textile Science – Knitted Fabric	2	4+1	4+2(p)
	Allied subject II Apparel Marketing And Merchandising	2	4+1	4+2(p)
Total		5	22	30

V SEMESTER

Part	Study Component	No of Cours	Credit	Hours
	Core Subject Quality control in Apparel Production	1	4	4+2(P)
	Fashion Draping	1	4	4+3(P)
	Designing & Constructing Men's Wear	1	4	4+3(P)
	Allied subject II Apparel Industrial Engineering	1	4	4+2(P)
IV	Environmental studies	1	2	2
	Skilled based subject Advanced Computer Application In Clothing	1	2	2
Total		6	20	30

VI SEMESTER

Part	Study Component	No of Cours	Credit	Hours
	Core Subject Consumer Behavior And Retail Management	1	2+2.5	2+1
	Art Portfolio Presentation	1	2+2.5	2+2
	Functional Clothing	1	2+2.5	2+2
Optional	Home Textiles	1	2+2.5	2+1
	Technical Textiles	1	2+2.5	2+1
	Accounting & Business Management	1	2+2.5	2+1
	Allied Subject II Entrepreneurship Development	2	4+1	4+2 (P)
IV	Value education	1	2	2
	Skill Based subject Advanced Computer applications in clothing – Practical	1	2	2
V	Extension Activities	1	1	0
Total		11	37	30

SEMESTER I INTRODUCTION TO FASHION DESIGNMIG

OBJECTIVES:

On successful completion of the course, the student will be able to

- Understand the elements and principles of fashion design
- Study the tools & equipment used in sketching.
- Learn about the colour theory
- Understand the procedure for making proper color schemes.

- Know how to prepare different kinds of board preparation
- Study about various patterns and to develop designs
- Analyze wardrobe planning & lifestyle
- Develop designs for various seasons
- Understand the systems of fashion industry
- Learn steps involved in fashion forecasting

UNIT I: ELEMENTS & PRINCIPLES OF DESIGNING

Elements of designs - Different types of lines on dresses - Different types of dress Shapes - Different types of Texture on dresses - Light and Shade effects on dresses. Illusion created by Lines, Shapes, Texture, Color.

Principles of Design - Unity on dress - Emphasis on dress - Balance on dress - Proportion on dress - Harmony on dress - Rhythm on dress. Objects of Radiation and Gradation on dress. Equipment's for sketching - different types of pencils, markers, brushes, papers.

UNIT II: COLOR ASPECTS

Introduction to colour theory - Pigment colour theory – Primary, Secondary, Intermediate and Tertiary colours in pigment theory – Study of 12 colour wheel. Study of Colour dimensions - Hue, Value, Intensity, and Tints & Shades - Warm and Cool colours.

Study of Colour Scheme – Related colour scheme – Mono chromatic, Neutral, Analogous. Contrast colour scheme – Simple contrast, Double contrast, Split, Triad. Brief study of Munsell colour systems and Brief study of Colour harmony.

Psychology of colours on dress - red, blue, green, yellow, orange, pink, purple, grey black, white, neutrals. Colour and combination in clothes. Factors affecting the choice of colours- effects of light, texture, age, size, personality, complexion, and occasion. Natural Dyes – synthetic dyes – Types of Dyes preparation – Dyeing method.

UNIT III: FASHION DESIGNING FOR THE PERSONS WHO HAVE USUAL PROBLEMS IN DRESS

The Stout figure, the thin figure, slender figure, narrow shoulder, broad shoulder. Round shoulders, large bust, flat chest, large hip, large abdomen, short waist, long waist. Sway back - long neck, short or thick neck-large face, small face, square or triadic, round face, narrow pointed face. Nose-Prominent nose, prominent chin and jaw. Receding chin and small jaw, prominent forehead-low forehead, sharp angular figures-large features.

UNIT IV: DESIGN DEVELOPMENT

Design development – Motif – Definition – Types of motifs – Development of motifs – Motifs on the fabrics – Steps in design development – Sources of Inspirations – Design development through natural sources.

Study of Pattern in fabrics - Naturalistic abstract - Conventional – Geometric - Animate - Abstract - floral design – Half drop design & Reverse half drop design.

Study of Structural and Decorative Design - Different types of Structural design on dress - Study of Decorative items - Different types of decorative design on dress - Characteristics of good decorative design.

UNIT V: FASHION INDUSTRY

Definition of fashion, terminologies, fashion life cycle, consumer identification with fashion cycles, environment of fashion, theories of fashion adoption. Introduction to Fashion industry - Mood board, fabric board, color board, accessory board. Understanding the fabrics, construction and embellishments.

Work of Fashion Director - Work of Fashion Designer – Well known fashion designer of India, USA, UK, and France - Fashion capitals - Fashion shows and its importance – Procedure to conduct fashion show – Importance of Fashion magazines – Importance of Fashion forecasting and steps involved in forecasting.

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2. Mathews M. Practical Clothing construction. III. Cosmic Press, Madras.
3. Brockman C.H. The theory of Fashion in Design John Wiley and son's Inc., New York.
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JOURNALS

1. Femina. A Times of India Publication
2. Eve. S. Weekly, A Times of India Publication
3. Women's Era. Vishwanath, Delhi Press, New Delhi.
4. Apparel. The Clothers Digest - Bombay.
5. Clothes line-media and marketing association. Bombay.

SEMESTER I
FASHION DESIGNING –PRACTICAL

OBJECTIVES:

On successful completion of the course, the student will be able to

- Known about the basic design and colour.
- Practice the style drawing.

1. BASIC DESIGNING

To design and draw Basic garment shapes, pleats, collars, cuff, and yoke.

2. COLOUR

To draw 12 colour wheel.

To draw a COLOR WHEEL and warm and cool colours

To draw Colour board for related colour scheme.

To draw Colour board for contrasting colour scheme.

To draw effects of colors- red, blue, green, yellow, orange, pink, purple, grey black, white, neutrals.

3. STYLE DRAWING

To draw different elements on dress for women with suitable colors.

To draw different Principles on dress for women with suitable colors.

To create board for structural & decorative garments.

To draw Fashion garment having flared effect & decorate it.

To draw Fashion garment having fitted effect decorate it.

To draw Garment for men based on your own taste.

To draw Garment for women based on your own taste.

SEMESTER I
CONCEPT OF APPAREL DESIGNING

OBJECTIVES:

On successful completion of the course, the student will be able to

- Understand the importance of Human Anatomy.
- Learn the basics of Measurements, Fabric Details and Garment construction.
- Learn different types of Seams.
- Understand the types of Plackets.
- Understand the types of Yokes.
- Study the selection of Collars and Neckline finishes.
- Know about Sleeves and its types.
- Learn different types of Pockets.
- Understand the types of Darts, Pleats and Tucks.
- Understand the types of Gathers Shirrs, Flares, Godets and Frills.

UNIT I: BASICS OF APPAREL DESIGN- BODY MEASUREMENTS

Tools & Equipment- Measuring, Marking, Cutting, Pressing and General. Tools Method of taking important body measurements. Principles of taking body measurements. Measurements needed for the construction of children, Ladies and Men's Garments.

Methods of pattern making - Drafting and flat pattern methods, principles of pattern drafting steps in drafting children's and adult's bodice and sleeve patterns.

UNIT II: PATTERN LAYOUT

Fabric grains – types of grain and its importance. Principles in pattern making – Pattern layout and its importance – Principles in pattern layout – Different types fabric folding for layout – Special types of Layout – Procedure for economical layout- Insufficient fabric layout – Marshdan layout for bulk production and its importance –Type of Lays – Lay length and marker – Marker efficacy – Lay efficiency. Grading- definition- techniques-importance.

UNITIII: SEAMS, SEAM FINISHES & PLACKETS

Seams – Definition- Different types of seams- Plain, French, Welt seam, Top stitch seam. Seam finishes- Piped, crossed, Bound and Pinked. Hems – definition – types of hems – Slip, Catch stitch, Invisible, Herring bone. Plackets & Openings – definition- characteristics of good plackets. Types of plackets – One piece, two pieces, Tailored and Zipper plackets.

COLLARS AND SLEEVES

Collars – Types of collar like Shirt, Stand, Ruffle, Roll, Shawl, Peter pan, Square and Neck line finishes. Sleeves – types of sleeves such as Plain, Puff, Bell, Circular, Leg-O-mutton, Magyar, and Raglan sleeves.

UNITIV: CUFFS, POCKETS AND FULLNESS YOKE

Types of cuffs - Round, Gauntlet and pointed. Pockets - Different types of pockets such as Patch, Welt, front Hip and Set in pocket.

Fullness – definition, Single and double pointed darts, Relocation of dart by slash and spread method. Converting darts to seams, converting darts to partial yoke, incorporating dart into a seam.

Types of tucks like pin tuck, cross tuck, piped tuck, shell tuck and importance, Types of pleats like Knife pleat, Box pleat, Kick pleat, Cartridge pleat, Pinch pleat and its importance. Gathers and Frills. Yoke – definition- selection of yoke design. Different types of yokes – Partial, Midriff, and Yoke with fullness.

UNIT V: FITTING AND PATTERN ALTERATION

Fitting-Definition-Principles for good fit. Causes for poor fit, checking the fit of garment, solving fitting problems in various garments- basic principles, fitting techniques. Pattern alteration important of altering patterns. Principles for pattern alterations. Pattern alterations by slash and spread method. Common pattern alterations in a blouse. Alteration of pattern for irregular figures.

References

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3. Lester N. Dress Making- Skills, Techniques and Designs, Paulton, Sampson Low Marsopn & Co. Ltd.
4. Reader's Digest Sewing Guide. Complete Guide to Sewing 13th Edition. The Reader's Digest Association, Inc., Pleasantville, New York.
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JOURNALS

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2. Clothesline, Media and Marketing Associations, Mumbai.

SEMESTER I APPAREL DESIGNING – PRACTICAL

LIST OF THE EXPERIMENTS:

1. Seams, Seam finishes & Hems

- To construct Seams – Plain, French, Welt seam- Top stitch seam,
- To construct seam finishes- Piped, crossed, Bound, Pinked
- To construct Hems– Slip, Catch stitch, Invisible, Herring bone.

2. Plackets & Pockets

- To construct Plackets– One piece, two piece, Tailored, Zipper.
- To construct Pockets– Patch, Welt, Bound, front Hip and Pocket in seam pockets.

3. Sleeves

- To prepare patterns and construct Plain sleeve.
- To prepare patterns and construct Puff sleeve
- To prepare patterns and construct Bell sleeve.

4. Collars

- To prepare patterns and construct Shirt collar.
- To prepare patterns and construct Peter pan collar.
- To prepare patterns and construct Shawl collar.

5. Darts, Pleats and Tucks

To construct different types of Darts.

To relocate darts by slash and spread method in the given bodice block.

To construct Knife, Box, Cartridge and Pinch pleats.

To construct Tucks– pin tuck, cross tuck, piped tuck, shell tuck.

6. Frills, Gathers & Neck line finishes

To construct different types of Frills and Gathers.

To construct Neck Line Finishes– facings and bindings.

7. Dart relocation by slash and spread method

To convert darts to seams

To convert darts to partial yoke

SEMESTER I CLOTHING MACHINERY AND EQUIPMENT

OBJECTIVES:

On successful completion of the course, the student will be able to

- Understand the functions of belts, gears, cams, clutch and bearings.
- Learn the various system of lubrication.
- Understand the basics of dc motor.
- Learn the basics of electronic items.
- Learn the functions of LCD & LED
- Understand the functions of lock stitch, over lock and zig zag sewing machines.
- Learn the various defects in sewing.
- Understand the functions of special sewing machines.
- Learn the functions of guides and attachments.
- Understand the functions of finishing machines.
- Learn the maintenance of sewing and other machines.

UNITI: BASIC SEWING MACHINES

Single needle Lock stitch machines – Parts and Functions, Timed sequence in stitch formation in single needle lock stitch machine, Needle bar mechanism with diagram. Brief study of Shuttle and Hook mechanism with diagram.

Study of thread tension variation and its adjustment in needle and Bobbin.

Different types of needles and Needle Number. Threading procedure of 3 threads over lock. Causes and remedies for sewing defects. Merits of Computerized sewing machine. Common Problem and their remedies.

UNITII: SPECIAL MACHINES & ATTACHMENTS

Different types of Feed mechanism in sewing machine. Flat lock Machine (5 Thread) – Threading Procedures with diagram. Brief Study of Button hole & Button

Stitch Machines – Elastic tape Stitch Machine – Collar turner- Feed-Off-Arm machine – Chain Stitch Machine – Bar Tacking machine – Blind stitch Machine – Zig-Zag machines – Computerized embroidery machine.

Brief study of Hemmer Foot, Cording Foot, Piping Foot, Quilter & Guide Foot with diagram. Brief study of special attachments and uses – Folders, Binders & Guides.

UNIT III: CUTTING MACHINES & MAINTENANCE

Objectives of Spreading – Brief study of manual and automatic machine. Types of Cutting machines – Straight Knife, round knife, Band Knife, Die Cutting and Laser Cutting. Automated clothing production in cutting of fabric - cutting by air jet, water jet, laser & plasma. Brief study about computerized cutting machine. Marking Methods, positioning marking, Types of markers, Notches, drills and computer aided markers.

UNIT IV: FINISHING MACHINES & MAINTENANCE

Fusing – Elements of fusing, Types of Fusing machine and working of continuous fusing machine with diagram. Brief Study of Thread Sucking Equipment with diagram – Brief study of needle detector.

Pressing – types of pressing system. Finishing – form finishers, tunnel finishers. Maintenance of Machines – Importance – Maintenance Schedule in Garment Units

UNIT V: SEWING FEDERAL STITCHES AND SEAMS

Sewing Federal Standards for stitch and Seam Classification, seam quality, Fabric Sewability, identification and classification of sewing machines, Types of Sewing Machine. Special Attachments Sewing supplies, Sewing threads, Embroidery thread, metallic thread and elastic thread.

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SEMESTER I FASHIONSKETCHING

OBJECTIVES:

On successful completion of the course, the student will be able to

- To enhance the drawing skills of the learner in terms of space, proportion, colour thus evolving into a design and dyes
- To introduce themes in fashion from medieval to modern and its evolution of innovative trends and its appreciation.

UNIT-I: BASIC – DRAWING

Exploration of the various characteristics of line and its expression. Horizontal, Vertical, diagonal, thick, thin, wavy, straight and zigzag. Exploration of the various types of shapes line squares, rectangles, triangles, circles, polygons etc., and forms like cubes, cones, prisms, spheres, cylinders etc. Study of light and dark, illusions of depth, advancing forms, etc. Experimentation with textural effects- visual and tactile, natural and man-made like cross hatching, dots, squares, stripes etc. The physical properties of color, the psychological impact, the various harmonies, their permutations and combinations.

UNIT-II: HEADTHEORY

Fashionillustration 5 headtheory for boy & girl. 71//2, 8, 10 and 12 headtheories for men & women. Draw different postures of Human figure.

UNIT – III: PARTS OF BODY AND ACCESORIES

Drawingarms, hands, legsandfeet, head andface. Drawingshoes, bags, hats, glovesandhairstyles & Silhouettes.

UNIT –IV: TEXTURECREATION

Types of textures- thread pulling, thread crumple, thread rolling, paper dabbling, wax rubbing, wax drop , smoke , blade , leaf, flower, butterfly, lace, jute, thumb, matchstick, sponge, cabbage, potato, onion, chilly, lady finger, ink drop, ink blow, drop ink, batik, leather, dry brush, mesh, comb, cloth dabbling etc., Textural effects, use of textures in fashion designing. Depicting textures (e.g., silk, satin, chiffon, denim, corduroy, velvet, knit etc.,) and patterns on clothes.

UNIT– V: WARDROBE PLANNING

Life style analysis- Pre-existing wardrobe analysis- Factors influencing personality- Study of Wardrobe planning-Formal wear, Casual wear, Leisure wear and Accessories- Factors to be considered-economic factors-social factors - Purchase planning -Selection of

materials - Wardrobe plans for Teen age and middle age people - Dress for occasions- Dress for seasons.

LIST OF FASHION SKETCHING

1. Draw a croques drawing – all sizes, and all poses (front,back,side,3/4)
2. Draw a different types of Faces; Hands, eyes, nose, lips, ear.
3. Draw Hair styles
4. Draw Illustration of Gathers, Folds, Pleats showing fullness in a garment.
5. Draw an illustration drawing and figure drawing
6. Prepare collage work of different models
7. Draw in detail- Collars, Necklines, Pockets, Sleeves, Waistlines, cuffs, skirts, trousers, yokes, waistlines

Reference:

1. Ireland.Patrick,J.,"BasicFashionDrawing",Batsford,1972.
2. Solance.Eunice,"IllustratingFashion",Harper&Row",1977.
3. ElisabettaDrudi&Tizianapac.,"FigureDrawingforFashionDesigner.",ThePepinpress, Singapore.
4. PatrickJohnIreland"FashionDesignDrawing&Presentation",London.
5. Ritu,"FashionDesign&Illustration",IndicaPublishers,Delhi.
6. DESIGN STUDIES by ManmeetSodhia- Kalyani Publishers.
7. Illustrating Fashion by Kathryn McKelvey& Janine Munslow Blackwell Publishing-2005.
8. Men's wardrobe by Thames and Hudson London – 1996.
9. Art & Fashion by Dr.Alice Mackrell Batsford Publication – 2005.

SEMESTER I EMBROIDERY ANDSURFACEORNAMENTATION (For Science Students only)

OBJECTIVES:

On successful completion of the course, the student will be able to

- To know about the basic embroidery stitches.
- To understand the Indian traditional embroidery.
- To learn advanced techniques in traditional embroidery.

UNITI: DEVELOPMENT OF EMBROIDERY

IntroductiontoEmbroidery-Development-General rules for hand and machine embroidery, adjustment of sewing machine for

Embroidery. Selection of material, thread and needle. Importance of Design- Own Design, Traced Design, Method of Tracing and Special Points.

UNIT II: TRADITIONAL INDIAN EMBROIDERIES IN DIFFERENT STATES

Origin of Indian Embroidery. Embroidery Stitches used – kanda of Kashmir, kantha of Bengal, Phulkari of Punjab. Kutch- Kathiawar and zari embroideries- Embroidery of Rajasthan, Kasuti of Karnataka, Chicken work of Lucknow – all the above, the types and colour used, Motifs and fabrics used and their historical importance.

UNIT III: HAND BROIDERY STITCHES

Hand embroidery stitches – running, stem, blanket, lazy daisy, chain couching, herringbone, fishbone, feather-single and double, Rumanian, seeds, cross, fly, satin, long and short. French knot, bullion knot, double knot, Button hole Stitch, Blanket stitch & its Variations. Zardoshi work, Stone work, Appliqué work.

UNIT IV: MACHINE EMBROIDERY

Running, Cording, Satin, Long and short, Granite or Round Stitch, Eyelet, Cut Work, Letters and monograms, fancy stitches on white goods and applique on net.

UNIT V: MACHINE EMBROIDERY

Creating style through surface trimming – bias trimming, rick-rack, ruffles, smocking, faggoting, drawn thread work, cutwork, belts and bows, quilting, crocheting, tatting, hand knitting. Patchwork, applique work – velvet, plain, printed applique, mirror work, sequins, patchwork, beadwork, shadow work, fabric painting – using fabric colors, glitters, pastes.

References

1. Creative Art of Embroidery, Barbara Snook, Humbly Publishing Group Ltd., London 1972.
2. Singer Instruction of Arts Embroidery and Lace Work singer Sewing Matching Company, 1948.
3. India Embroidery - Kamaladevi Chartrophadhy Willey Easton Ltd., New Delhi 110016.
4. Phulkari - Ministry of Communication Development and Co-operation.
5. Bhusan J.R. Costumes and Textiles of India. Jaraporavala & Sons

LIST OF THE EXPERIMENTS:

HAND EMBROIDERY

1. To practice Running & Double running stitches.
2. To practice Stem & Back stitches.
3. To practice Chain Stitch & three of its variations.
4. To practice Lazy Daisy Stitch & three of its Variations.
5. To practice Button hole Stitch & three of its Variations.
6. To practice Blanket stitch.
7. To practice Fly Stitch.
8. To practice Fish-Bone & herring bone stitches.
9. To practice Feather & three of its Variations.
10. To practice Knot & three of its Variations.
11. To practice Satin Stitch
12. To practice Zardoshi work.
13. To practice Stone work.
14. To practice Appliqué work.

Machine Embroidery.

15. To practice Running Stitch
16. To practice Satin stitch.

SEMESTER II

HISTORY OF COSTUME AND TEXTILES OF INDIA

OBJECTIVES:

On successful completion of the course, the student will be able to

- Study about the origin & need of clothing.
- Study about the factors influence the costume changes in ancient period.
- Study about the costumes of pre-historic period.
- Study about the ancient western costumes.
- Know about the history of Indian costumes
- Study about the traditional costumes & prints of India.
- Study about the costume changes of modern world.
- Study about the different types of costumes for various purposes.

UNIT – I: INTRODUCTION TO COSTUMES

Origin of clothing –dress out of painting, cutting and other methods- Growth of dress, Need for clothing- factors influencing costume changes- role of costumes as a status symbol, sex appeal.

UNITII: COSTUMES OFFAR EASTERN COUNTRIES

Costumes of Far Eastern countries, Pakistan, Ceylon, China, Burma, Thailand, Philippines and Japan.

UNIT III: COSTUMES OF ANCIENT COUNTRIES

Costumes of Ancient Western Civilization – Egypt, Roman, English, French empires during Renaissance 1500 – 1600 A.D. Jewellery of the period – color combination- Materials – Accessories. Brief study of costumes on Socio-political and economic point of view

English Costume -English Costume during middle ages. American Costumes- American Costume from 18th and 20th century.

UNIT VI: COSTUMES OF WEARS

Costumes of 20th century-factors influencing on costume changes –Study on Business Wears- Evening dress- Sleep wear- Religious wear- Seasonal wear - Specialized wears- Bridal wear – Sportswear- Industrial wear- Party wear- Brief study of costumes on Socio-political and economic point of view- study on colour combinations.

UNITV: TRADITIONAL COSTUMES OF INDIA

Costumes of India, History of Indian Costumes up to Mughal Period, Traditional Costumes of different states in India. Accessories and Garments used in India. Study of Dacca Muslin, Jandhani, Himrus & Arums, Carpets, Kashmir Shawls, Kanchipuram & Baluchari Sarees, Paithani sarees, Bandhani, Patola, Ikat, Kalamkari and other styles of Printing & Dyeing Textiles.

Origin, embroidery stitches used-embroidery of Kashmir, Phulkari of Punjab, Gujarat – Kutch and Kathiawar, embroidery of Rajasthan, Kasuti of Karnataka, Chickenkari work of Lucknow, Kantha of Bengal – in all the above – types and colours of fabric/thread.

References

1. Das S.-.Cosrume of India and Pakistan. D.B.Taraporevala Sons & Co., Mumbai 1958.
2. Jamila Brij Bhushan-The Costumes and Textiles of India
3. Dom_ Flyn. Costumes of India Oxford & IBH Publishing Co., New Delhi, 197.

4. Lesla K. T. Histories Costume Chase, A. Bennet and Co., Inc., Illinois, 1961.
5. Historic Costumes by Lester K. I. Chas A Bennet & Co – 1991.
6. The encyclopaedia of Fashion by Georgina 'O' Hara – 2002.
7. Indian Costume by G.S Ghurye, Popular Prakasham – 1987.
8. History of Fashion by Garland, 2001.
9. History of fashion, Manmeet Sodhia-Kalyani Publishers.
10. Fashion Kaleidoscope, Mehar Castelino-Rupa and Co.

REFERENCE BOOKS:

1. Indian Jewellery – M.L. Nigam, Lustre Press Pvt Ltd, India (1999)
2. Indian Costume – G.H Ghosrye, Popular books Pvt Ltd.
3. The costumes and textiles of India- Jamila Brij Bhushan, D B Taraporevala Sons & Co, Bombay (1958).
4. Costumes of India , Dorris Flyn, Oxford & IBH Publishing Co, Delhi (1971).
5. Costumes of India and Pakistan b-Das S N, D B Taraporevala Sons and Co,
6. Bombay (1956). Traditional Indian Textiles, Parul B. Abhishek Publications

SEMESTER II

HISTORY OF COSTUMES AND TEXTILES OF INDIA - PRACTICAL

LIST OF EXPERIMENTS

1. To draw Indian Traditional Textiles

- a. Jandhani
- b. Baluchari
- c. Paithani
- d. Bandhani
- e. Patola
- f. Ikat

2. To prepare a sample for Indian Traditional Embroidery

- a. Kashmir
- b. Phulkari
- c. Kutch
- d. Kathiawar
- e. Kasuti
- f. Chicken Kari

- g. Kantha
- 3. To prepare a sample for Indian Traditional Dyeing**
 - a. Batik
 - b. Tie & Dye
- 4. To prepare a sample for Indian Traditional Painting/Printing**
 - a. Tanjore painting
 - b. Kalamkari
 - c. Kanthas
 - d. Warliart
 - e. Mural
 - f. Block
- 5. To draw Far Eastern countries Costumes and Ornaments**
 - a. Pakistan
 - b. Ceylon
 - c. China
 - d. Thailand
 - e. Philippines
 - f. Japan
- 6. To draw Ancient Western countries Costumes and Ornaments**
 - a. Egypt
 - b. Roman
 - c. English
 - d. French
- 7. To draw Indian states Costumes and Ornaments**
 - a. Tamilnadu
 - b. Kerala
 - c. Punjab
 - d. Gujarat
 - e. Maharashtra

SEMESTER-II

TECHNOLOGY OF FIBERSCIENCE AND YARN MANUFACTURING

OBJECTIVES:

On successful completion of the course, the student will be able to

- Understand the classification & importance of Textile fibers.
- Acquire knowledge on properties and uses of Natural, Man-made, Synthetic fibers.

- Study the manufacturing processes of Viscose Rayon, Polyester and Nylon 6 & 66
- Know the production sequence of Combed & Carded yarns.
- Gain knowledge on the latest spun yarn production systems.
- Understand the Post spinning process sequence.
- Learn about Texturisation, its types and manufacturing.
- Understand the types, properties and uses of fancy yarns.
- Study the manufacturing details of sewing thread.
- Understand the properties & uses of specialty fibers.

UNIT—I: INTRODUCTION AND NATURAL FIBRES

Textile Fibers – Definition – Classification – Important properties of an ideal Textile Fiber. Identification of Textile Fibers (Cotton, Silk, Wool, Polyester, Nylon and Acrylic) - Burning test, Solvent test and Microscopic appearance.

Cotton fibers – Content – Indian varieties - Physical and Chemical properties – uses.

Linen and Flax fibers - uses. Bastefibers varieties - Physical and Chemical properties – uses.

Silk Fiber – Varieties - degumming of silk – Weighting of silk - Properties - Uses.

Wool fiber – Varieties based on fleece – Properties and uses.

UNIT—II: MANMADE FIBRE AND SYNTHETIC FIBRES

Manmade fiber spinning techniques - Wet, Melt, Dry spinning system. Viscose rayon – Manufacturing flow chart - Properties and uses. Properties uses of Lyocel, Modal and Bamboo.

Polyester fiber (PET) – Manufacture flow chart - Properties and uses. Nylon 6-6 fiber – Manufacturing flow chart – Properties and uses. Acrylic fiber – Manufacturing flow chart – Properties and uses. Properties and uses of Nomex and Kevlar.

UNIT—III: YARN MANUFACTURING PROCESS

Ginning – definition- Objects of Mixing and Blending – Sequence of processes involved in Carded and Combed yarn manufacturing- Objects of blow room , carding, drawing, comber, simplex & ring frame – Brief study of open end spinning – Differences between carded and combed yarn – Differences between ring yarn and OE yarn - Brief study of Compact, Friction and Air-jet spun yarn production systems.

Texturisation-Definition-Types-Propertiesandusesoftexturedyam.

UNIT—IV: POST SPINNING AND MAN-MADE FILAMENTS PROCESSING

Doubling – Objects – Passage of material through doubling. Two for One Twister – Objects – Passage of material through Two for One Twister. Brief study of Reeling and bundling processes. Filament yarn and Staple fiber manufacturing process.

Yarn twist – S and Z.

Texturisation - Definition – Objects – Study of texturing of yarn by Stuffer box, falsetwist and Air Texturisation methods.

UNITV: COMMERCIAL YARNS

Definition of – Slub yarns – Flock or Flake yarns – Boucle yarn – Gimp yarn – Spot and Knot yarns – Loop or Curl yarn – Grandrelle yarns – Spiral or Cork screw yarns – Chenille yarn – Covered yarn – Core yarn – Fascinated yarn – mélange yarns- Elastomeric yarns – Metallic yarns– (No method of production details).

Sewing threads – Manufacturing flow chart for cotton and spun polyester sewing thread manufacture, 2 ply & 3 ply yarns,Embroidery threads – Properties of Viscose Rayon and Trilobal polyester thread.

Reference:

1. Fiberscience-s.p.mishraandB.K.keshavan.
2. Technologyoftextileprocessing-vol-I-Dr.V.A.shenai
3. Textilescience-s.p.mishraandB.K.kesbavan.
4. Understandingtextiles-billie.J.CollierandPhyllis.G.Tortora.
5. A Text book of Fibre science and Technology by S.P.Mishra, New Age International Pvt. Ltd, Delhi- 110002 – 2005.
6. Yarn Preparation by Sengupta, The Textile Institute, Manchester, UK – 1970.
7. Textiles Fibre to Fabric by Corbman Mc Graw-Hill international editions, Singapore – 1983.

SEMESTER-II

TECHNOLOGY OF FIBERSCIENCEANDYARN MANUFACTURING - PRACTICAL

LIST OF EXPERIMENTS

- 1. Fiber testing**
 - a. Identification of fibers by Microscopic test.
 - b. Identification of fibers by Burning test.
 - c. Identification of fibers by Solubility test.
- 2. Yarn testing**
 - a. Determination of Yarn count
 - b. Yarn twist
 - c. Lea strength
 - d. CSP Calculation.
- 3. Texturisation of yarns**

4. Commercial Yarns
5. Twist of yarns
6. Sewing threads

SEMESTER II

FABRIC CARE

OBJECTIVES:

On successful completion of the course, the student will be able to

- Understand the preparatory process of soaps and detergents.
- Identify washing and dry cleaning techniques.

UNIT – I: LAUNDRY SOAPS

Water – Hard and Soft water, methods of softening water. Laundry soaps- types of soap, Manufacture of soap, composition of soap, properties of soap. Soap less detergents - Detergent, Manufacture, merits and demerits of detergent.

UNIT –II: LAUNDRY EQUIPMENT

Laundry equipment – for storage, steeping and washing. Types of equipment's – wash board, suction washer, wash boiler, washing machine. Drying equipment's – outdoor and indoor types. Irons and ironing board – Types.

UNIT–III: STIFFENING

Stiffening agents - starch and other stiffening agents, preparation of starch. Bleaching agents -Types of Bleaching agents. Grease Removers - Grease solvents-Grease Absorbents. Laundry blues and their application - Optical blues.

UNIT – IV: LAUNDERING

Laundering & their principles - Principles of washing, kneading and squeezing. Methods of finishing - Damping, ironing, pressing, steaming, mangling, calendaring - care & cleaning of irons. Laundering of different fabrics – Cotton, Linen, Woolens, Colored fabrics, Silks and Rayon.

UNIT – V: DRY CLEANING

Dry cleaning-Definition and its types. Stain Removal - Classification into Animals, vegetables, Grease, Dye & Mineral stains - scorch and Grass stains - General rules and ways of stain removal.

REFERENCES

1. Textile Fabrics and their selection, Wingate I.B. Allied publishers Pvt. Ltd., Chennai.
2. Fundamental of Textiles and their care, Dantyagi. S. Orient Longman Ltd., New Delhi, 1980.
3. Family clothing Tate of Gleasson John wiky and Sons, Inc Illinois Latested

SEMESTER II DESIGN STUDIO AND FASHION PRESENTATION

OBJECTIVES:

On successful completion of the course, the student will be able to

- To use general accessories into the garment to add beauty.
- To create mood to the main garment.
- To illusion to the main garment.

UNIT – I: CREATING SURVEY BOARDS

Creating Survey boards. -Creating Mood boards- its application in designing costumes. -Theme boards- its direct relation to creating designs of costumes. -Client boards- the study of peculiar characteristics of a client to design special costumes for him/ her. - Swatch boards- Use of swatches in surface texture of the designed costumes.

UNIT – II: CREATING LINES

Creating Lines- lines with similar themes, similar fabrics and similar surface ornamentation. -Collage Work- collage on dress, collage on background, and use of collage in fashion illustration. -Theme based illustrations- themes could be picked up from nature, surroundings, objects, events, celebrities, sports, jewelry, toys, etc.

UNIT – III: FASHION ACCESSORY DESIGNING

Fashion Accessory Designing -Designing and illustrating Jewelry- using various mediums like pearls, beads, gold and silver, diamonds, wires, flowers, net, etc. Designing and illustrating head gears- using various mediums like leather, cane, pearls, beads, wood, wires, velvet, flowers, net, etc.

UNIT – IV: DESIGNING AND ILLUSTRATING

Designing and illustrating Belts using various mediums like leather, cane, pearls, beads, gold and silver, diamonds, wires, net, macramé etc. Designing and illustrating Foot wear of all types using different mediums -Designing and illustrating Bows and ties on different dresses. -Illustrating different Hairstyles.

UNIT – V: DESIGN STUDIO

Design Studio- designing dresses based on different themes for a fashion show - Study of the basic aspects of a fashion show- the background, the lights, theme, the accessories, the make-up, the fabric, surface ornamentation, etc. -Designing and illustrating lines for a fashion show.

TEXT BOOK:

1. Illustrating Fashion -Kathryn Mckelvey Blackwell Series.

2. Encyclopedia of Fashion accessories -Phyllis Tortora Fairchild

REFERENCE BOOKS:

1. Fashion Sketchbook–AblingFairchild.
2. How Fashion Works- Gavin Waddell Blackwell.

SEMESTER II

EMBROIDERY AND SURFACE ORNAMENTATION

(For Arts Students only)

OBJECTIVES:

On successful completion of the course, the student will be able to

- To know about the basic embroidery stitches.
- To understand the Indian traditional embroidery.
- To learn advanced techniques in traditional embroidery.

UNIT I: SELECTION OF DESIGN

Introduction to Embroidery - Development - General rules for hand and machine embroidery, adjustment of sewing machine for Embroidery. Selection of material thread and needle. Importance of Design - Own Design, Traced Design -Method of tracing and Special Points.

UNIT II: TRADITIONAL INDIAN EMBROIDERIES

Origin of Indian Embroidery. Embroidery Stitches used - kashida of Kashmir, kanthas of Bengal, Phulkari of Punjab. Kutch - Kathiawar and zari embroideries Embroidery of Rajasthan, Kasuti of Karnataka, Chicken work of Lucknow in all the above, the types and colour used, Motifs and fabrics used and their historical importance.

UNIT III: EMBROIDERY STITCHES

Hand embroidery stitches- running, stem, blanket, lazy daisy, chain couching, herring bone, fish bone, feather- single and double, Rumanian, seeds, cross, fly, satin, long and short. French knot, bullion knot, double knot.

UNIT IV: MACHINE EMBROIDERY

Running, Cording, Satin, Long and short, Granite or round stitches, Eyelet, Cut Work, Letters and monograms, fancy stitches on white goods and applique on net.

UNIT V: SURFACE ORNAMENTATION

Creating style through surface trimming- bias trimming, ric-rac, ruffles, smocking, faggoting, drawn thread work, cut work, belts and bows, quilting, crocheting, knitting, hand knitting. Patch work, applique work-velvet. Plain, printed applique, mirror work, sequins, patch work, bead work, shadow work, fabric painting- using fabric colors, glitters, pastes.

References

1. Creative Art of Embroidery, Barbara Snook.. Hlumbly hlblishing Clfm p iLtdL, London 1972.
2. Singer Instruction of Arts !Embroidery 3¥lt.d JL.ace Worl:: singcl S'.ewilfig M:atcmng Company, 1948.
3. India Embroidery - !Kamatadevi Ch&rtro!Phadhya WiUf.;y !Eastdl! lLd., Nbw•Delhi !IO '6.
4. huL•ari - Ministry of Commumcauon Development and Co-opernt {).D
5. Bhusan J.R. Costumes and Textiles of india, Jaraporavala & Sons.

SEMESTER-III

DESIGNING AND CONSTRUCTING - CHILDREN' S WEAR

OBJECTIVES:

On successful completion of the course, the student will be able to

- Understand the drafting procedure for infants' style.
- Learn the layout and construction procedure for infants' style.
- Understand the drafting procedure for children's style.
- Learn the layout and construction procedure for children's style.
- Understand the drafting procedure for girls' style.
- Learn the layout and construction procedure for girls' style.
- Understand the drafting procedure for boys' style.
- Learn the layout and construction procedure for boys' style.

UNIT – I: PATTERN DRAFTING FOR INFANTS WEAR

Pattern making for Bib, Pilch Knicker, Zabla, Bloomer, Baba suit (One piece baby cloth) – with styles description – suitable fabrics - Layout, fabric consumption calculation and construction procedure.

UNIT – II: PATTERN DRAFTING FOR CHILDREN'S WEAR

Pattern making for A line Frock, Yoke Frock, Umbrella Frock, Sun suit-with style description – suitable fabrics - Lay out, Fabric Consumption Calculation and Construction procedure.

UNIT – III: PATTERN DRAFTING FOR GIRLS WEAR

Pattern making for Pleated Skirt, Pinafore, Skirt blouse, Peddle Pusher- with style description- suitable fabrics – Lay out, Fabric Consumption Calculation and construction procedure.

UNIT – IV: PATTERN DRAFTING FOR BOYS WEAR.

Pattern making for Boys shorts, Bermuda shorts, Pyjama - with style description – suitable fabrics- Lay out, Fabric Consumption Calculation and Construction procedure.

UNIT – V: PATTERN DRAFTING FOR BOYS

Pattern making for Slack shirt - with style description – suitable fabrics- Lay out, Fabric Consumption Calculation and Construction procedure.

Reference:

1. Scientific Garment Quality - By K.M.Hedgo, K.M. Hedge & Sons, Plot No:43, Somuwar petn Poona- 411 011
2. Easy cutting - By Juvekar Commercial Tailors corporation Pvt.Ltd., 166, Dr.Ambedkar Road, Dadar.
- 3.Commercial system of cutting - By Juvekar Commercial Tailors corporation Pvt.Ltd., 166, Dr.Ambedkar Road, Dadar.
4. Zerapkar system of cutting - By K.R .. Zerapkar Navneet Publication Ltd., Mumbai/ Ahmedabad/ Nagpur .
- 5.Dress making - By Smt. Thangam Subramaniam. Bombay Tailoring & Embroidery college, 32 - North part street, Ambature, Madras 600 053.
- 6.Practical clothing construction Part I and II - By Mary Mathews Thompson & Co. Pvt. Ltd., Madras 600 001.
7. Art of Sewing by Anna Jacob Thomas. Ubs Publishers, Delhi.2001.
8. Practical Clothing Constructions Part I & II by Mary Mathews Paprinpack Printers,Chennai. 1985.

DESIGNING AND CONSTRUCTING - CHILDREN' S WEAR PRACTICAL

LIST OF THE EXPERIMENTS:

Infants' wears.

1. To prepare the paper pattern and calculate fabric consumption by using layout method for the Garment - Pilch Knicker
2. To prepare the paper pattern and calculate fabric consumption by using layout method for the Garment - Zabala
3. To prepare the paper pattern and calculate fabric consumption by using layout method for the Garment – Bloomer

Children's wears.

1. To prepare the paper pattern and calculate fabric consumption by using layout method for the Garment -- A line Chemise
2. To prepare the paper pattern and calculate fabric consumption by using layout method for the Garment -Yoke Frock
3. To prepare the paper pattern and calculate fabric consumption by using layout method for the Garment -Umbrella Frock
4. To prepare the paper pattern for the Garment – Pleated Skirt
5. To prepare the paper pattern for the Garment – Pinna fore
6. To prepare the paper pattern for the Garment – Peddle Pusher

Boys' wears.

1. To prepare the paper pattern for the Garment – Slack shirt
2. To prepare the paper pattern for the Garment – Shorts
3. To prepare the paper pattern for the Garment – Pajama
4. To prepare the paper pattern for the Garment – Bermudas.

III SEMESTER TEXTILE WEAVING AND FABRIC STRUCTURE

OBJECTIVES:

On successful completion of the course, the student will be able to

- Study about the preparatory processes in weaving.
- Learn the different types of knotting equipment.
- Know the fundamentals on looms.
- Understand the features of shuttle less looms.

UNIT – I: WEAVING PREPARATORY PROCESS

Looms and their classification. Sequence of processes involved in Weaving preparatory with objectives- winding, warping, sizing. Passage of material in Autoconer- Features of Autoconer- Functions of Tensioners, Slub catchers, Electronic Clearers and Splicer – Comparison between Knotting and Splicing – Advantages of splicing. Object of Sectional Warping and its salient features - Passage of material in Beam warping - Passage of material in Sizing machine.

UNIT –II: WOVEN FABRIC FORMATION

Looms- types- Features of Tappet, Dobby, Jacquard looms – Object of Drawing-In and Denting - Passage of Warp in a conventional Plain loom – Objects of Primary, Secondary & Auxiliary motions in a Plain loom – Features of Automatic Shuttle Loom and Shuttle less Loom - Shuttle less looms Classification (Flexible Rapier, Projectile, Air jet and

Water jet) and its advantages - Defects in Woven fabrics - Missing ends, Warp & weft streaks, Floats, Temple marks and Stains.

UNIT –III: FABRIC STRUCTURES

Woven Structures: Definition of Design, Draft, Peg plan – Design, Draft & Peg plan for Plain weave– Warp rib, Weft rib & Matt weave. 2/1, 3/1 Twill weave. 5 end Satin weave and Sateen weave – Derivatives & End uses of above fabrics.

UNIT – IV: FABRIC STRUCTURES

Honey comb and its derivatives. Huck a back and crepe weave - modifications. Bedford cord and its modifications. Welt and piques and its modifications. Mock – leno weave. Extra warp and Weft Figuring – Backed Fabric – Pile Fabrics – Double Cloth and types.

UNIT – V: NON - WOVEN AND SPECIAL FABRICS

Non-Woven fabrics – definition - uses - classification of Non - Woven Fabrics. Web Formation Techniques – Staple Fibre Webs – Wet laid webs, Dry laid webs, Parallel, Cross and Random laid webs – Continuous Filament webs – Spun laid webs and Melt blown webs. Non - Woven Fabric Formations Techniques – Adhesive bonding, Thermal Bonding, and Needle punching and bonding of spun laid webs. Definition of Lace fabrics and braided fabrics.

REFERENCE:

1. Weaving Mechanism – N.N. Banerjee.
2. Fabric forming – Hasmukari.
3. Watson Textile Design and Color - Grosick I.J.
4. Principles of weaving, R Marks, ATC Robinson, The Textile Institute, Manchester, UK- 1976.
5. The Motivate Series, Andrea Wynne, MacMillan Education Ltd, London and Basingstoke. 1997.
6. Cotton Yarn Weaving by Kanungo R.N, Textile Association India, Ahmedabad-1980.
7. Weaving machines, Mechanisms & Management by M K Talukdar, P K Sriramulu, D.B Ajgaonkar, Mahajan Publications Pvt Ltd, Ahmadabad-9 – 1998.
8. Modern Weaving Technology by J K Arora, Abhisek Publications, Chandigarh- 17 – 2008.

TEXTILE WEAVING AND FABRIC STRUCTURE - PRACTICAL

LIST OF EXPERIMENTS

IDENTIFICATIONS OF THE FOLLOWING WEAVE DESIGN AND DRAFT A PEG PLAN FOR THE SAME:

- I. To analyse the following particulars of woven fabrics
 - Woven structural analysis: Design, draft, peg plan, denting plan.

- Warp particulars: Material of warp - ends per length - count, direction of twist, Crimp percentage, cover factor, warp pattern.
- Weft particulars: Material of weft - picks per unit length- count, direction of twist, twist per length, Crimp Percentage, cover factor and warp pattern.
- Fabric particulars: Total Cover factor, Weight of fabric and thickness.
- Loom requirements: Shedding mechanism, heald count, and count.
 1. Plain and Twill fabrics
 2. Demonstration - production of plain and twill fabrics
 3. Satin/Sateen and Honey comb fabrics
 4. Demonstration - production of satin/sateen and honey comb fabrics
 5. Velvets/velveteen
 6. Extra thread figuring fabric(s)
 7. Honey Comb Weave
 8. Huck a Back Weave
 9. Mock-leno Weave
 10. Double Cloth / Pile Fabrics - any one type

Fabric Testing – Fabric Particulars – Threads/inch, Yarn crimp, Cover weight per square yard of the fabric, Fabric tensile strength, Bursting strength, Stiffness, Drapability, Shrinkage, Abrasion testing, Pilling resistance.

III SEMESTER TEXTILE DYEING AND PRINTING

OBJECTIVES:

On successful completion of the course, the student will be able to

- Understand the Preparatory process of Textiles
- Learn about Process of Bleaching.
- Learn different types of Dyes and applications
- Learn about various processing machineries.
- Understand the types of Printing and Techniques
- Know about the screen preparation
- Know about different Textile finishes and Application
- Learn about special finishes and advantages
- Understand the Quality control methods in Wet Processing.
- Understand the Eco- friendly Processing & Effluent Treatment process

UNIT – I: TEXTILE PROCESS

Water, water Hardness, types, quality required for wet processing industries, softening process, preparatory process sequence for woven and knitted fabric. Need for processing - Dry and wet processing for fabrics – Preparatory wet processing – Singeing, desizing, scouring, bleaching, mercerizing, degumming and carbonizing.

UNIT –II: DYEING

Classification of dyes – Natural Dyes, mordants and its types, mordanting techniques. Dyeing method, Advantages & Disadvantages of natural dyes. Synthetic dyes – Basic dyes, Direct dyes, vat, sulphur, Naphthol, Reactive, Azoic, acid, and disperse dyes.

UNIT – III: DYEING METHODS

Stages of dyeing Methods of Dyeing - Batch, Winch, Jigger, Package, hank dyeing. Colourfastness tests. Recent advancement and technology in dyeing.

UNIT – IV: PRINTING

Printing-introduction to printing, Differences between printing and dyeing, preparation of fabric for printing-cotton, polyester, wool and silk, Methods of Printing, Preparation of printing paste, Selection of thickening agents.

UNIT – V: PRINTING METHODS & FINISHING

Direct Printing: Block Printing, Stencil printing, Screen printing, Discharge Printing, Resist printing – batik and tie and dye. Other Printing Methods: Mino printing Inkjet printing, Heat transfer printing, photo printing.

Finishing - definition -types of finishing -classification of finishing - advantages of finishing.

Text Books:

1. Textile Dyeing and Finishing- Study Material prepared by the Department.
2. Needles.H.L, Textile Fibers, Dyes, Finishes and Processes, Noyes Publications, 2011.
3. Smith.J.L, Textile Processing, Printing Dyeing, Finishing, Abhishek Publications, Chandigarh, 2006.
4. Beginners Guide to fabric Dyeing and Printing – Stuart & Robinson, Technical Books, London (1982)
5. Technology of Textile finishing - V.A.Shenai
6. Technology of Textile Printing -V.A.Shenai
7. Technology of Finishing - Mr.Nalankilli

Books for Reference:

1. Singh.K.V.P, Elementary Idea of Textile Dyeing, Printing and Finishing,Kalyani Publishers, 2009.

2. Corbman.B.P, Textile Fiber to Fabric, MCGRAW, HILL International Edition, Sixth Edition, 2009.

3. Technology of textile processing Vol III, V, VIII - V.A. Shenai

4. Hand Book of Textiles - P.V. Vidyasagar.

TEXTILE DYEING AND PRINTING - PRACTICAL

LIST OF EXPERIMENTS

1. Desizing and scouring of cotton fabric.
2. Scouring of cotton fabric
3. Peroxide bleaching of cotton fabric.
4. Degumming and bleaching of silk.
5. Application of hot and cold brand reactive dyes on cotton.
6. Application of natural dyes on cotton.
7. Application of acid dye on wool and silk.
8. Application of disperse dye on polyester material.
9. Printing of cotton fabrics by direct printing - Block Printing, Stencil printing, Screen printing.
10. Printing of cotton fabrics by direct printing - Screen printing.
11. Printing of cotton fabrics by direct printing - Batik printing.
12. Printing of cotton fabrics by and tie and dye.

SEMESTER IV

-DESIGNING & CONSTRUCTING WOMEN'S CLOTHES

OBJECTIVES:

On successful completion of the course, the student will be able to

- Understand the drafting procedure for ladies' style.
- Learn the layout and construction procedure for ladies' style.

UNIT – I: PATTERN DRAFTING FOR LADY'S WEAR

Pattern drafting procedure for 6 panels Sari petticoat – Garara, Culottes (Divided skirt) skirt –with front open and Leg-o-mutton sleeve-Pattern layout-Calculation of material consumption - Construction procedure.

UNIT – II: DESIGN UPPER GARMENT

Pattern drafting procedure for Straight jacket, Braziers & Cut Choli with front open and variety sleeves-Pattern layout-Calculation of material consumption - Construction procedure.

UNIT – III: DESIGN FULL GARMENT

Pattern drafting procedure for Nighty, Night dress with Front full opening and shawl collar - Survar on bias cutting - Maxi- Pattern layout-Calculation of material consumption - Construction procedure.

UNIT IV: DESIGN LOWER GARMENT

Pattern drafting procedure for Middy & Middy Tops, Salwar, Survar & kameez - Pattern layout-Calculation of material consumption - Construction procedure.

UNIT V: DESIGN TROUSER AND SHIRTS

Pattern drafting procedure for Ladies Trouser & Ladies Shirt - Pattern layout-Calculation of material consumption - Construction procedure.

References.

1. "Scientific Garment Quality" by K.M. Hedge & Sons, Plot No: 43, Somuwar Peth, Ponna 411011.
2. "Easy Cutting" by Juvekar Commercial Tailors Corporation Pvt. Ltd., 166, Dr. Ambedkar Road, Dardar.
3. "Commercial System of Cutting" by Juvekar commercial Tailors Corp. Pvt Ltd., 166 Dr. Ambedkar Road, Dardar.
4. "Zerapkar System of cutting" by K.R. Zerapkar Navneet Publ. Ltd., Mumbai/Ahmedabad I Nagpur.

DESIGNING & CONSTRUCTING WOMEN'S CLOTHES- PRACTICAL

LIST OF EXPERIMENTS

1. To prepare the paper pattern for the Garment - Divided skirt (culottes)
2. To prepare the paper pattern for the Garment – Sari petti-coat - 6 panels
3. To prepare the paper pattern for the Garment – Night dress -Front full opening
4. To prepare the paper pattern for the Garment – Kameez.
5. To prepare the paper pattern for the Garment – Survar – bias cutting
6. To prepare the paper pattern for the Garment – Maxi
7. To prepare the paper pattern for the Garment – Ladies Shirt
8. To prepare the paper pattern for the Garment – Cut Choli

IV SEMESTER
TEXTILE SCIENCE - KNITTED FABRIC

OBJECTIVES:

On successful completion of the course, the student will be able to

- Understand the basic terms & elements in knitting.
- Know the basic principles & working of plain weft knitting machines.
- Know and analyses the different types of woven structure.
- Understand the defects in Knitted fabric.
- Know and analyses the different types of knit structure.
- Have knowledge on special fabrics and its applications.

UNIT –I: BASIC KNITTING

Knitting -Definition, Terms and definition, Classification. Differentiate weaving and knitting classification of knitting. Basic knitting elements. Difference between woven and knitted structures.

UNIT –II: WEFT KNITTED FABRICS

Classification of knitted garments -Weft knitted fabrics-plain, rib, purl, etc. Ornamentation - derivatives. Pique - variations. Yarns for weft knitting -- common faults in fabrics.

UNIT –III:WARP KNITTED FABRICS

Warp knitted fabrics- tricot, raschel, kitten raschel, crochet, Milanese knit, simplex. - Other knitted constructions- jacquard, pile, fleece, high pile, terry knit, velour knit. Yarns for warp knitting - common faults in fabrics.

UNIT-IV: FULLY GARMENTS

Fully garments- knit type, uses - Fully fashioned knitted garments- knit type, uses - Integral knitted garments- knit types, uses -Cut stitch shaped knitted garments- knit type, uses, processes involved.

Seam and stitches used in knitting -Machinery used for knitted garments Flat bed, two-bar wrap knitting machine, circular jacquard knitting machine, circular pile knitting machine.

UNIT-V: CALCULATIONS

Calculations -Methods of finding courses per inch, wales per inch and loop length - GSM calculation - Count and gauge relationship -efficiency calculation - tightness factor – Production in length and weights units.

REFERENCE

1. Knitting Technology -D.B. Ajgaonkar
2. Knitting Technology - David .J. Spencer
3. Textile Mathematics - J.E. Booth.
4. Knitting Technology -KVP Singh Kalyani publishers

REFERENCE BOOKS

1. Fabric Studies- KVP SinghKalyaniPublishers
2. Textiles-fiber to fabric- Bernard P. Corbman, McGraw Hill

TEXTILE SCIENCE - KNITTED FABRIC - PRACTICAL

To analysis the following particulars of weft knit fabrics

- Weft Knit fabrics: Symbolic representations – needle, graph paper and cam design.
- Wales per unit length, course per unit length, tightness factor, loop length, aerial density and yarn count.
 1. Single jersey/Derivatives
 2. Rib/Derivatives and Interlock/ Derivatives
 3. Demonstration - production of double jersey fabrics
 4. Lapping notations and chain pattern arrangement of Raschel fabric
 5. Lapping notations and chain pattern arrangement of Tricot fabric
 6. Demonstration of fabric production with various weaves in shuttleless loom.

IV SEMESTER

SCF8A42-APPAREL MARKETING AND MERCHANDISING

OBJECTIVES:

On successful completion of the course, the student will be able to

- To understand the purpose of market and strategies in the industries.
- To understand the merchandising procedures.
- To learn the functions of merchandiser.
- To understand the retail merchandising procedures.
- To learn the pricing procedures.

- To understand the visual merchandising procedures.
- To learn the trends in visual merchandising.
- To understand the merchandising plan.
- To learn to prepare merchandising calendar and activities.
- To learn the marketing techniques.
- To understand the advertising techniques.
- To learn the sales promotion techniques.

UNIT – I: MARKETING

Marketing Concepts -Definition, Marketing Organization, Apparel Marketing - Planning, Apparel Marketing strategy, Environment - Micro and Macro Marketing, Environment trends. Apparel Marketing and Segmentation. Channels of Distribution. Pre-buying activity. Market research - Purpose, procedure and applications. Market potential – Estimation, Market Demand – Methods of Forecasting demand.

UNIT – II: MARKETING MIX

Product – Hierarchy, product mix, line and brand decisions; Price – Price decision – Objectives, procedure; Marketing Channel- Nature, functions. Marketing systems – Direct, Vertical, Horizontal and Multichannel; Promotion – Advertising message, media selection, measuring effectiveness. Publicity

Life cycle of product – Marketing strategy for various stages of life cycle.

UNIT – III: MERCHANDISING

Merchandising - Definition, Merchandising as Business Function - Role of Merchandising - Types of merchandising. Evolution of Merchandising in Apparel Industry, Merchandising Organization, Buying Preparation, National Brands vs Private Labels.

Merchandising plan – Planning sales goals –Buying plan – Assortment Planning – Planning components - Merchandising calendar and scheduling.

Direct order - Merchant order - CMT order - Vendor and subcontractor - Requirement of a purchase order – Amendment sheet – Types of Buyer and buying offices- Buyer seller meet.

UNIT – IV: VISUAL MERCHANDISING

Definition, Function, Significance of Display, Types of Displays- Window Displays, Interior Display, Exterior Display, Elements of Display, lighting. Fashion show-Definition, Planning, Budgeting, location, Timings, Selection of Models, Collection, Set Design, Music, Preparing the Commentary, Rehearsal.

Advertising- scope, importance, types, merits & demerits; sales promotion, personal selling. Retail management.

UNIT – V: EXPORT MARKETING AND DOCUMENTATION

Export Marketing of Apparel, Prospects for Indian in Overseas Market, Globalization Domestic & Export Market Environment, International Market Environment.

Buyers and Sellers Meet. Promotional Activities of Govt. Organization. Domestic & Export Market Environment, International Market Environment. Buyers and Sellers Meet.

Costing – Basic Costing, importance, types, merits & demerits; Domestic & Export Pricing, merits & demerits.

Text Books:

1. Sodha and Chatley, Fashion Marketing and Merchandising, Kalyani Publication, New Delhi, 2008.
2. Frings, Fashion from Concept to Consumer, Seventh Edition, Dorling Kindersley Publishing Inc, India, 2008.
3. Kotler et al, Marketing Management, 13th edition, Dorling Kindersley Publishing Inc, India, 2009.
4. Anurag.S. and Bhalla, Visual Merchandising, Tata McGraw Hill Education Private Limited, New Delhi, 2010.
5. Philip Kotler, “Marketing Management “, Prentice Hall Inc 1996.
6. Ruth E Glock and Grace I. Kunz, “Apparel Manufacturing”, Prentice Hall, New Jersey, fourth edition, 2005.

REFERENCES:

1. Evelyn C Moose, “Math For Merchandising”, Wey ll. 1999.
2. “The Textile Industry: Winning strategies for the New Millennium, Volume II” Textile Institute., 1999.
3. Davis Burns and Bryant, The Business of Fashion, Fair Child Publications, New York, 2002.
4. Goworek, Careers in Fashion and Textiles, Blackwell Publishing, NewDelhi, 2006.
5. Elaine Stone, The Dynamics of Fashion (2001), Fairchild publications, New York.
6. Michanel R. Soloman& Nancy J. Rabolt, Consumer Behaviour in Fashion.
7. Fashion Marketing, Mike Easey 1995, Oxford University press to Wynford Drive, Don Mills, Ontario.
8. Introduction to Fashion Design, Patrick John Ireland, 1992, B.T Batsford Ltd., 583, Fullham Road, London.
9. Fashion Design & Product development, Haroldcars/ John Pomeroy, 1992, Black Well Science, Inc., 238, Main Street, Cambridge.

BEAUTY CARE PRACTICAL

DO THE FOLLOWING EXPERIMENTS:

1. Bleaching.
2. Facial.
3. Hair Remover- Threading, Waxing.
4. Hair Style – any 3 styles.
5. Hair Cut – any 3 styles.
6. Hair Curl, Hair Straightening, Hair Coloring.

7. Makeup – Face makeup, Bridal makeup, party makeup.
8. Nail treatment – pedicure, manicure, nail art.
9. Saree draping – any 3 styles.
10. Training & visit one day beauty parlour.

SEMESTER -V

QUALITY CONTROL IN APPAREL PRODUCTION

OBJECTIVES:

On successful completion of the course, the student will be able to

- Understand the inspection methods.
- Learn the sampling procedure and quality audit.
- Understand the various testing procedures to produce quality woven garments.
- Learn the various testing procedures to produce quality knitted garments.
- Learn the various packing accessories in garment industries
- Understand the packing procedure
- Learn the different types of care labeling systems.
- Learn the various defects in garments and analyzing the reasons for them.
- Learn the quality control programs
- Understand the concept of TQM

UNIT – I: INTRODUCTION TO QUALITY INSPECTION

Quality definition - Quality and its necessity Introduction - Inspection its importance - functions of inspection - systems of inspection - types of inspection - hundred percent inspection - sampling inspection - comparison of 100% inspection and sampling section.

Quality Assurance –Quality Management – Total Quality –TQM procedures - Industrial Management – Industrial Safety – Industrial Welfare – Industrial Psychology – Quality Control

UNIT –II: QUALITY STANDARDS

Understanding of ISO 9001:2000 standards: QMS, management responsibility, resource management, product realization and measurement analysis & improvement – Various documents required for ISO 9001:2000 implementation and its contents – Development of quality system manual for garment industry.

UNIT –III: QUALITY CHARTS

Types of control forms - basis production systems - principles for choosing the production system - evaluating systems - flow process and Grid charts - Basic flow process construction flow process grid for production control - scheduling calculations Graph method schedules production many styles simultaneously production many styles in one line.

UNIT –IV: QUALITY TESTING IN GARMENT

Quality control in pattern Making, Grading, Marking, Stitching and Production analysis, coordinating department activities - Distribution of tickets and Maintenance of cords - Establishing Merchandising standards. The Quality control of trims and fasteners thread and accessories.

UNIT –V: QUALITY IN GARMENT INDUSTRY

Tolerance and quality standards for fabrics, Processing Cutting Stitching in garment industry tolerances and quality standard for finished garment - Q.C and inspection agencies - AEPC - Textiles committee - QC for packing -ware housing - Shipping.

Reference:

1. Apparel Quality Control Pradip Metha
2. Apparel Manufacturing Hanbook Jacob Solinger.

QUALITY CONTROL IN APPAREL PRODUCTION– PRACTICAL

LIST OF EXPERIMENTS

1. Yarn Details & Composition
2. Yarn Consumption per Garment
3. Fabric Details – Design, GSM, Machine Etc.,
4. Size Details
5. Factory Cost of Garment (Totally 5 Export Orders & 5 Export Enquiries Shall Be Given) Designs may be given from the following styles: Specialized Ladies Garments - Blouses & Cholies – Midis Skirts – Night Wears. Party Wears - Casual Wears, Specialized Men” s Wear - Various Types of Knitted T Shirts for Formal and Casuals - Over Dresses. Specialized Kid” s Wear For 1 To 5 Year Age Groups. Knitted Garments for Teen Ages / School Going Boys And Girls.
6. Measurement of fastness properties (wash, light, rubbing (dry and wet), perspiration) of dyed fabric.
7. Finishing of cotton fabric by temporary and durable methods.

SEMESTER V

FASHION DRAPING

OBJECTIVES:

On successful completion of the course, the student will be able to

- Understand the Draping tools & Procedure.
- Learn about draping of basic bodice& sleeves

- Understand the draping of Bodice blocks & its variations.
- Learn about introduction of varies fullness.
- Understand the draping of Skirts
- Understand the draping of Slacks.
- Learn the draping of Yokes & collars
- Understand the draping of sleeves.
- Understand the draping of advanced design variations.
- Learn the draping of knit garments.

UNIT I: INTRODUCTION TO DRAPING

Definition of Draping – Draping Tools & Equipment’s – Draping principles – Preparation of muslin for Draping – Seam allowance – Preparation of Dress form for Draping

Draping of Basic Bodice front – Preparation of muslin – Draping steps – Marking – Truing - Draping of Basic Bodice Back – Draping of Basic Sleeve – Draping of Basic Skirt.

UNIT II: DRAPING OF BODICE BLOCKS & VARIATIONS

Front Bodice with under arm Dart – Back Bodice with Neckline Dart – Dart manipulation – Waist line Dart – Dart at waistline and centre front – French Dart – Double French Dart – Flange Dart – Neckline Dart – Neckline variations – Front & Back Armhole variations – Typical sleeveless – Squared – Cutaway

Waist line variation – lowered – Empire – Shortened – Scalloped – Pointed. The Princes Bodice – Cowls -front— Under arm cowl – Wrapped neckline cowl. Twists – Butterfly Twist — Neck yoke twist – Bust twist.

UNIT III: DRAPING OF SKIRTS & SLACKS

Draping of one piece basic skirt – Gored skirt – Flared skirt – Pleats in the flared skirt – Gathers in the flared skirt – Pleated skirt – Side & Box pleated skirt – Kick pleated and inverted pleated skirt.

Draping of basic straight slacks – Fitted slacks – Tapered slacks – Pegged slacks – Divided skirt

UNIT IV: DRAPING OF YOKES, SLEEVES & COLLARS

Draping of fitted midriff Yoke — Shirt yoke – Hip Yoke. Draping of – Mandarin Collar – Convertible collar – PeterPan collar. Draping of Basic Dolman sleeve – Long fitted Dolman sleeve — Reglan sleeve – Kimono sleeve with a gusset.

UNIT V: DRAPING OF ADVANCED DESIGN VARIATIONS & KNIT GARMENTS

Draping of bias – Cut slip Dress – Bustier Designs – basic Knit Bodice Dress – Knit Halter - Knit Leotard - Knit Panties.

Draping of Flounces – Circular flounce – Shirred Flounce – Draping of Ruffles – Variable Ruffle finishes – Draping of peplums. Draping of ‘A’line shift – Draping of Princess Dress – Draping of Basic Jacket.

Text Book

1. The Art of Fashion Draping by Connie Amaden, Crawford Fair Child Publication, New York Om Books International, New Delhi 2005.
2. Draping for Fashion Design Hilde Jaffe & Nurie Relis Prentice Hall career & Technology, Engle wood Cliffs, USA 2002.

REFERENCE

1. Draping for Fashion Design by Hilde Jaffe & Nurie Relis.
2. Dorling Kindersley India Pvt Ltd., New Delhi- 110092 – 2009.

FASHION DRAPING – PRACTICAL

To prepare pattern using Draping Technique.

1. Basic bodies’ - Front & Back
2. Basic Skirt.
3. Basic Sleeve.
4. Lowered Waistline.
5. Pointed Waistline.
6. Empire Waistline.
7. Princess Bodies.
8. Pleated Skirt.
9. Tapered Slacks.
10. Skirt with Hip Yoke.
11. Reglan Sleeve.
12. Basic Jacket.

SEMESTER V

DESIGNING AND CONSTRUCTING MEN’S WEAR

OBJECTIVES:

On successful completion of the course, the student will be able to

- Understand the selection of design and fabric.
- Prepare pattern for men’s wear and calculate the fabric required.
- Apply sewing procedure and technics.

UNIT – I: DESIGN UPPER GARMENT

To prepare the paper pattern & Layout for the Garment for men’s using the style features given below.

1. S.B.Vest

Features: Collar Attached, Button Attached, sleeveless style.

2. Slack Shirt

Features: Open collar, Patch pocket.

3. "T" Shirt

Features: Front Half Open - Zip Attached.

UNIT – II: DESIGN UPPER GARMENT

To prepare the paper pattern & Layout for the Garment for men's using the style features given below.

To Prepare Layout and Sew Party dress for kids with suitable fullness.

1. Bush Shirt

Features: Half open, open collar, Patch pocket, Full sleeve with cuff.

2. S.B. Coat

Features: Coat collar, Coat sleeves, Pockets

UNIT – III: DESIGN LOWER GARMENT

To prepare the paper pattern & Layout for the Garment for men's using the style features given below.

Designing and drafting pleated bell bottom Trousers and narrow bottom.

1. Pleated Trousers

Features: Pleats in front, Darts at back, Side pocket, fly with buttons or zip, Belt with, adjustable strap, Bell bottom/ Narrow bottom.

UNIT – IV: DESIGN LOWER GARMENT

To prepare the paper pattern & Layout for the Garment for men's using the style features given below

1. Jeans

Features: Tight fitting, Jeans cut, Pockets

2. Pyjama

Features: Elastic or tape attached waist

UNIT – V: DESIGN FULL GARMENT

To prepare the paper pattern & Layout for the Garment for men's using the style features given below

1. Night dress

Features: Round neck or collar attached, Overlap Front, Tap attached.

2. Padded Snow Suit

Features: Loose Fitting, Trousers attached at the waist line of body part, Body part with head bonnet, Leg Open and front half open, $\frac{3}{4}$ Sleeves.

Reference:

1. Scientific Garment Quality - By K.M.Hedgo, K.M. Hedgo & Sons, Plot No:43, Somuwar petn Poona- 411 011

2. Easy cutting - By Juvekar Commercial Tailors corporation Pvt.Ltd., 166, Dr.Ambedkar Road, Dadar.

3. Commercial system of cutting - By Juvekar Commercial Tailors corporation Pvt.Ltd., 166, Dr.Ambedkar Road, Dadar.

4. Zerapkar system of cutting - By K.R.. Zerapkar Navneet Publication Ltd., Mumbai/ Ahmedabad/ Nagpu r.

5. Dress making - By Smt. Thangam Subramaniam, Bombay Tailoring & Embroidery college, 32 - North part street, Ambature, Madras 600 053.

6. Practical clothing construction Part I and II - By Mary Mathews Thompson & Co. Pvt. Ltd., Madras 600 001.

SEMESTER V

DESIGNING AND DRAFTING MEN'S WEAR – PRACTICAL

OBJECTIVES:

On successful completion of the course, the student will be able to

- Select a suitable design and fabric for a garment.
- Design patterns for men's wear.
- Construct various designs for a garment.

LIST OF EXPREIMENTS

1. Using the paper pattern cut, stitch and finish the Garment – S.B.Vest
2. Using the paper pattern cut, stitch and finish the Garment –Slack Shirt
3. Using the paper pattern cut, stitch and finish the Garment - "T" Shirt
4. Using the paper pattern cut, stitch and finish the Garment - Bush Shirt
5. Using the paper pattern cut, stitch and finish the Garment - Pleated Trousers
6. Using the paper pattern cut, stitch and finish the Garment – Jeans
7. Using the paper pattern cut, stitch and finish the Garment – Pyjama

8. Using the paper pattern cut, stitch and finish the Garment - S.B.Coat
9. Using the paper pattern cut, stitch and finish the Garment - Night dress
10. Using the paper pattern cut, stitch and finish the Garment - Padded Snow Suit

SEMESTER V

APPAREL INDUSTRIAL ENGINEERING

OBJECTIVES:

On successful completion of the course, the student will be able to

- To know about production control and systems.
- Understand the apparel business
- Study the merchandising activity
- Know the basic concepts of Apparel Engineering.
- Know about the production systems in apparel industry.
- Study the fundamentals of production planning.
- Understand the resource management in Apparel Industry
- Obtain knowledge on selection of raw material.
- Know the purchasing procedures
- Understand the basics of production balancing.

UNIT I

Plant Engineering Introduction to apparel Industry- Plant Location – Factors influencing plant location -Location Economics. Plant Layout – Classification - Process Layout - Product Layout - Combination Layout – Plant layout procedures – factory building.

UNIT II

Product Design Product design, planning and development – Factors affecting apparel design - design by imitation – Product planning. Requirements for product design, Constituents of product planning and product development procedure. Requirements for process planning. UNIT III: Line Balancing Production - Definitions - Terminology - Basic Production Systems - Evaluating and Choosing the System - Process Flow and Charts for Garment - Scheduling Calculations - Introduction to Balancing Theory - Balance Control - Balancing Exercises For Garment –Industry

UNIT IV

Production Planning and Control Functions: Planning, action and control phases – Forecasting – order writing – process planning & routing – material control - scheduling – dispatching – re-planning. Coordinating Departmental Activities. Scheduling techniques: Load analysis sheet, Gantt chart, Order schedule chart. Cutting & Sewing room planning:

Drawing and reproduction of the Marker – Marker planning & spreading specification – Cutting planning and requirements - Sorting and Bundling.

UNIT V

Productivity Measurement of Productivity - Total Factory Productivity - Quick Response - Criteria for Increasing Productivity in Garment Industry - conducting productivity analysis survey in the garment industry.

References:

1. A. J. Chuter, Introduction to Production Management
2. Tripathi, Personal Management and Industrial Relations.
3. O.P. Khanna, Industrial Engineering and Management.
4. Rama Moorthi, Production and Operations Management.
5. T.R. Banga & S.C. Sharma, Industrial Organization and Engineering Economics

SEMESTER V

ADVANCED COMPUTER APPLICATION IN CLOTHING

OBJECTIVES:

On successful completion of the course, the student will be able to

- Understand the technical knowledge in the area of design.
- Know about the create patterns and layouts through CAD techniques.
- Design the garments using software.

UNIT I: BASIC COMPUTER

Classification of Computers - General and Special Purposes Computers - Computer Specifications - Computer Components - Organization of Computer Sections Compute" Peripherals.

Different Types of Computer Memory - Core - Tape - Magnetic Disk - Drum Input and Output Hardware - Graphical Plotters.

UNIT II: CIM

Concepts of Computer Integrated Manufacturing (CIM) Computer idea Fabric Design Computer Aided Garment Manufacturing Computer Aided Production Planning Production Scheduling. Disposition. Order Entry. Order Control.

UNIT III: KNOWLEDGE BASED SYSTEM

Introduction to image processing and imaging system-Fabric and sewing defect identification using image processing-Artificial neural networks.

Computer Application in Area defect Checking, Fabric Laying, Cutting, Sorting and Labelling

UNIT IV: COMPUTER AIDED PATTERN DESIGNING:

3D Body scanning- Digitizing- Grading and Lay Planning System: Introduction to graphic interface of the software- Tools and functions used for pattern making, grading and marker planning. Computer Application in Pattern Making and Grading Marker Making Duplicating Market Efficiency

UNIT V: COMPUTERIZED CUTTING AND SEWING

Applications of Computer integration in fabric cutting, spreading and labeling machines. Computer aided special purpose sewing machine with control panels – Preprogrammed options. Computer controlled embroidery machines.

Automation in manufacturing and management - Automatic material handling, storage, tracing and retrieval system. Applications of E-Commerce and MIS in apparel industry, Supply Chain Planning. Computerized Color Matching system.

References

- 1.Computer Technology for Textile - WRD Simty Publications & Co., Atlanta, 1970.
- 2.Summer School on Computer Application in Tectile ISTE, VITI, Bombay, June 1981.

SEMESTER VI

CONSUMER BEHAVIOR AND RETAIL MANAGEMENT

OBJECTIVES:

On successful completion of the course, the student will be able to

- Know about the different kinds of retail operations.
- Identify the buying procedure at a market.
- Promote and improve customer services and sales associates.

UNIT – I: FASHION TERMS AND DETAILS

Terms related to the Fashion Industry - Fashion, Style, Fad, Classic, Collection, Chic, Mannequin, Fashion Show, Trend, and Haute Couture. Fashion Forecasting. Factors influence fashion - Fashion cycles - Forecasting fashion – Fashion types – Fashion Collection – fashion details – Fashion structure – fashion modeling details- fashion communication- fashion photography – fashion journalism.

UNIT – II: CONSUMER BEHAVIOR IN FASHION

Fashion Leaders, Fashion Innovators, Fashion Motivation, Fashion Victim, Fashion followers. Adoption of V – Trickle Down, Trickle up and Trickle Across Theory. Fashion Forecasting - Market Research, Evaluating the Collection, Fashion Services, Colours Services, Video Services, Newsletter Services, Websites, Directories and references.

UNIT – III: FASHION PSYCHOLOGY

Factors influencing Fashion Changes - Psychological Needs of Fashion, Social Psychology of Fashion, Technological, Economical, Political, Legal and Seasonal Influence. Role of Costume as a Status Symbol, Personality and Dress, Repetition of Fashion.

UNIT – IV: SALES & RETAIL

Retailing – department stores, apparel specialty stores, discount retailing, franchise retailing, mails, direct selling, internet selling and catalogue selling – purchasing management- stores management- material management.

Sales communication- sales procedures- sales discount method. Warehouse clubs.

UNIT – IV: RETAIL PRICING

Retail pricing – Mark up – Price point – Markdown – Promotional pricing – Deceptive pricing – Non-store retailing – Mail order Merchants – E Tailing – Tele shopping.

TEXT BOOKS:

1. Elaine Stone, The Dynamics of Fashion, Fairchild Publications, New York, 2001.
2. Jenny Davis, A Complete Guide to Fashion Designing, 1st Edition, Abhishek Publication, Chandigarh, 2009.
3. Frings, Fashion from Concept to Consumer, 7th Edition, Dorling Kindersley Publishing Inc, India, 2008.
4. Man Meet Sodhia, History of Fashion, Kalyani Publishers, New Delhi, 2009.
5. Man Meet Sodhia, History of Fashion, Kalyani Publishers, New Delhi, 2007.
6. Pundir, Fashion Technology Today and Tomorrow, A Mittal Publication, New Delhi, 2007.
7. M.R.Soloman & N.J. Rabolt, Consumer Behaviour in Fashion, Dorling Kindersley Publishing Inc, India, 2006.

BOOKS FOR REFERENCE:

1. Benneett, “Femina Book of Fashion”, coleman & Co., Ltd., Mumbai (1998)
2. Jeaneettee A. Jarnow, Miriam Guerrerio, “Inside the Fashion Business”, Mecmillion Publishing Company, New York
3. Harriet T, Mc Jimsey, “Art and fashion in clothing selection”, The Iowa state University Press, Ames, Iowa

SEMESTER VI

FASHION AND ART PORTFOLIO PRESENTATION

OBJECTIVES:

On successful completion of the course, the student will be able to

- Portfolio development and presentation technique.
- To be planned for a season or occasion Mood board, Story board, Fabric board, colour board– to be presented separately or in a combined form.
- Fabric development chart.
- Dying development chart.
- Textile Design development chart.

- Fashion illustration presentation.
- Garments in a collection 4-6 garments (children's, women & men).

UNIT – I: CHILDREN'S PROJECT

1. To develop for a season or occasion Mood board, Story board, Fabric board, colour board– to be presented separately or in a combined form.
2. Fabric development chart
3. Dying development chart
4. Textile Design development chart
5. Fashion illustration presentation
6. Garments in a collection – 4-6 garments (, women & men)Mood board - Colour Palette - Customer Profile - Illustration – Specification sheet

UNIT – II: WOMEN'S PROJECT

1. To develop for a season or occasion Mood board, Story board, Fabric board, colour board– to be presented separately or in a combined form.
2. Fabric development chart
3. Dying development chart
4. Textile Design development chart
5. Fashion illustration presentation
6. Garments in a collection – 4-6 garments Mood board - Colour Palette - Customer Profile - Illustration – Specification sheet

UNIT – II: MEN'S PROJECT

1. To develop for a season or occasion Mood board, Story board, Fabric board, colour board– to be presented separately or in a combined form.
2. Fabric development chart
3. Dying development chart
4. Textile Design development chart
5. Fashion illustration presentation
6. Garments in a collection – 4-6 garments (, women & men) Mood board - Colour Palette - Customer Profile - Illustration – Specification sheet

UNIT –IV: INDIAN CRAFT

India Theme Textile - Craft – Couture.

UNIT –V: INDIAN CRAFT DOCUMENTATION

REFERENCE

1. The style source book -Judith Millers, Stewart, Tabori and Chang, Newyork

SEMESTER VI FUNCTIONAL CLOTHING

OBJECTIVES:

On successful completion of the course, the student will be able to

- Understand the types of functional fabrics and its application.
- Known about the properties of clothing and uses.
- Study in elaborate process of functional clothing to apparel.

UNIT I: FUNCTIONAL CLOTHING

Introduction, definition, classification of functional clothing- protective, medical, sports, vanity, cross functional assemblies, clothing for special needs

UNIT II: PROTECTIVE FUNCTIONAL CLOTHING

Environmental hazard protective- Protection against extreme heat or cold, fire, rain, snow, dust, wind or UV exposure, Biological, chemical and radiation hazard protective- Protection against ignition, penetration or skin contact of hazardous chemicals, toxic gases, body fluids, germs or radioactive particulate matter

Injury protective- slash and cut protection, ballistic and blunt impact protection.

UNIT III: MEDICAL FUNCTIONAL CLOTHING

Therapeutic rehabilitative clothing- pressure garments for lymphatic and venous disorders, scar management. Bio sensing- Monitoring of physiological parameters, heart rate, blood oxygenation, body temperature, telemedicine applications

UNIT IV: SPORTS FUNCTIONAL CLOTHING

Performance enhancing, fatigue reduction, body shaping to reduce dragVanity functional clothing- Body shaping, support and contouring for enhanced appearance

UNIT V: MULTIFUNCTIONAL CLOTHING / CROSS FUNCTIONAL ASSEMBLIES

Multi-functional performance, protection, life support, comfort, communication Clothing for special needs- enabling clothing for elderly, infants, and disabled

REFERENCES

1. S.C. Anand, M.M.Traftab, S. Rajendra, 'Medical Textiles & Biomaterial for Healthcare', Woodhead Publication, 2005
2. S. Rajendra, 'Advance Textile for Wound Care,' Woodhead Publication, 2009

3. J.F. Kennedy, S.C. Anand & F.Miraftab, 'Medical Textiles 2007: Proceedings of the Fourth International Conference on Health Care & Medical Textile. CRC Press, 1st Edition, 2009.
4. S.C Anand, Medical Textile: Proceeding of the Second International Conference & Exhibition, CRC Press; 1st Edition, 2001.
5. Technology of Textile finishing - V.A.Shenai
6. Technology of Textile Printing -V.A.Shenai
7. Technology of Finishing - Mr.Nalankilli

SEMESTER VI

HOME FURNISHING

OBJECTIVES:

On successful completion of the course, the student will be able to

- Study about domestic and International needs.
- Understand the Various types of Floor & Wall coverings.
- Know about the Furniture coverings.
- Understand the quality parameters of the products.
- Know the types of Kitchen & bath articles.
- Have knowledge of decorating things.
- Understand the packing materials and procedures.
- Learn about types of Care Labelling and its contents.
- Study the various components of cost.
- Understand the cost calculations of various products.

UNIT I: INTRODUCTION, WALL & FLOOR COVERINGS

Home textiles- definition, Classification- Domestic and international market needs- India's home textile exports.

Wall coverings:- Draperies & Curtains- Plain, with Loop, Loop with Button, Tier curtain, valance, window panel, Tab top curtain, Eyelid, Rod Pocket Panel (RPP)- Brief study of Front and back Curtains, Day and night curtains.

Definition, Different types of furnishing material Woven and Non – Woven.Affecting Selection of home furnishings. Recent Trends in Home furnishing.

Floor coverings - Hard floor coverings, resilient floor coverings. Soft floor coverings and Carpets, Use and Care. Study of decorative methods, quality parameters and costing of the above products.

UNIT II: FURNITURE COVERINGS

Chair Linen: - Chair Pad, Chair Cushion, Chair cover, Seat pad (Sutton), Arm cap.

Cushions: - Classification-Types -with tassels, piping and border, Bolsters. Cushion Filling:- Types, properties.

Upholstery - Types- Sofa cover, Automobile Seat Cover.

Bed Linen: - Bed Spread, Duvet, Flat sheet, Fitted sheet, Pillow Shan, Quilt, Bed ruffle- Classification of Mattresses and pillows, Comforters and Blankets- Study of decorative methods, quality parameters and costing of the above products.

UNIT III: KITCHEN & BATH LINEN

Kitchen articles: - Apron, Mitten, Pot Holders, Kitchen Towel, Bread basket, Tea cozy- Table cloth, Napkin, Mat, Runner

Bath Linen: -Shower curtains, Bath rope, Bath Towel, Pool / Beach Towel, Bath Mat, Bath Sheet- Study of decorative methods, quality parameters and costing of the above products.

UNIT IV: PACKING & PRODUCT CARE

Folding and Packing- importance- materials used- specification- folding machines used- Types of Folding and Packing –Wall Covering, Curtains, Chair Linen, Floor Covering, Upholstery, Kitchen Articles, Table Linen and Bed Linen.

Care labelling- Washing, Bleaching, Drying, Ironing and Dry Cleaning Instructions- Placement of labels on Home textiles- Consumer care guide to home textiles- Practices in storage of house hold linen- Pressing and Airing, Storing.

UNIT V: INTERIOR DECORATION

Definition- factors affecting the selection of Home furnishing- Role of colours in interior decoration- lighting arrangements in living room- furniture selection- dining room- decorative methods- pictures for interior decoration- types- flower arrangements- types- interior decoration for Hotel & marriage hall- recommendation for good interior decoration.

Reference:

1. Soft Furnishing - MAC DONAID.
2. Designing Interior Environment - ALEXANDER N.G.
3. Interior Decoration in India -DONSERKER Y K.G.
- 4 The House Style Book - DEYAN SUDJIC
5. House Hold Manual -ELIZABETH GUNDREY.
6. Textiles – Fibre to Fabric by P.Corbaman, TATA Mcgraw Hill – 1983.
7. Textile fabrics and their selection by Isabel.B.Wingate, Prentice Hall – Englewood Cliffs, New Jersey - 1976
8. Easy bazaar crafts by Gerald.M.Knox, Meredith Corporation – 1990.

9. Furniture Upholstery by Michal Scofield, Sudha Irwin, Holly Lyman Antolini, Lane Publishing Co. Monlo Park, California – 1980.
10. The Complete Home Decorator by Conran's habitat Caroline Clifton – Mogg Portland House, New York – 1991.
11. Fashion Apparel Accessories & Home Furnishing by Jay Diamond & Ellen Diamond Dorling Kindersley Ind. Pvt. Ltd., New Delhi- 110092 – 2008.

SEMESTER VI

TECHNICAL TEXTILES

OBJECTIVES:

On successful completion of the course, the student will be able to

- Identify the technical textile fibers.
- Understand the finishing process.
- Identify the safety in clothing.
- Have known about the suitability of fibers.
- Study the role of fibers in medical applications.
- Identify the pullet proof fabrics.
- Identify the fire proof fabrics.
- Identify the UV proof fabrics.

UNIT –I:

Technical Textiles – Introduction. Selection of Fibers -Suitability and property of higher performance fibers.

UNIT -II

Medical Textiles - Textiles used in various branches of medical - Bio textiles - Surgical textiles.

Fibers used in medical textiles -requirement of fibers in medical textiles.

UNIT -III

Geo textiles - Fibers used in geo textiles -requirement of fibers, Application of textiles in geo field.

UNIT - IV

Textiles for automotive industry. Suitable fibers for automotive industry Safety devices- Airbags-Materials used - types of fabric-Finishing proofs. Seat belts.

UNIT - V

Protective textiles - Bullet Proof fabrics -fire retarding fabrics -high temperature fabric - UV protective fabrics.

Reference:

1. The design of textiles for Industrial Application -P.V.Harrison
2. Protective Clothing -Bajaj.P.and Sengupta A.K.
3. Textiles: Fiber to fabric - Corbman B.P.
4. Performance of protective Clothing -Johnson.J.S. and Mansdon Z.

SEMESTER VI

ACCOUNTING AND BUSINESS MANAGEMENT

OBJECTIVES:

On successful completion of the course, the student will be able to

- Study about accounts and stocks.
- Know about the finance and stocks.
- Learn about the types of costing.
- Have knowledge about the business.
- Understand the production management.

UNIT - I

Accounting Concepts - Rules of Accounts - Books of Accounts - Double Entry System - Cash and Accrual basis and liabilities - Provisions and Reserves - Valuation of Stock - Outstanding Income and Income received in advance.

UNIT II

Journal, Ledger and Trial Balance - Financial Statements P & L Account Balance Sheet Accounting for fixed deposits - Accounting for interest and Dividend Payment

UNIT III

Cost Accounting Elements of Cost, Classification of Cost, Accounting for Overheads - Maintenance of Cost Books of Accounts.

UNIT IV

Nature and objectives of Business - Legal forms of Business ownership - Internal Organization Structure of Business - Marketing Management.

UNIT V

Production Management - Quality Control - Inventory Control - Personal Management - Trade Unions - Government control of Business Financial Management - working Capital Management - Secure of Long term and Short Term finance.

References

1. Introduction to Accountancy - T.S. Glawa
2. Cost Accounting - Jain & Harang
3. Business Organization & Management - Y.K. Bushan

EMESTER VI

ENTREPRENEURSHIP DEVELOPMENT

OBJECTIVES:

On successful completion of the course, the student will be able to

- Understand the concept of business management.
- Recognize and promote entrepreneurial competencies within oneself.
- Identify the importance of planning in opening and developing a business.

UNIT -I

EDP - Meaning - Analysis - Types and Function - Growth of Entrepreneurs in India
Influence of Environment Factors - Helps in EDP - Training and Development of
Entrepreneur - Entrepreneur Development Ship Programme, Various opportunities in the
Apparel Industries - Manufacturing - Designing - Retailing. Buying a business and
franchising a Business -Services - Wholesaling.

UNIT -II

Financial Entrepreneur - Institutional Finance to Entrepreneur - Role of IFCI, IDBI,
ICICI, IRCI, SIDBI, LIC, SFC, TIC and Commercial Banks in Financial Entrepreneur -
Appraisal by Bank for Loans - Approaching Financial Institutions for Loan.

UNIT - III

Promoting an Enterprise. Small scale industries - Regulation - Governing - Small
Scale Industry - Incentives and concession for SSI UNITS - Sickness in Small Industries -
Causes and Remedies.

UNIT -IV

Function and Development of ENTREPRENEUR - Role of DIC - SIDO - SISI NSIC
KVIC - DCOC - ITCO and Entrepreneur Guidance Bureaus Incentives and such to
Entrepreneur - Problem of Entrepreneur.

UNIT -V

Developing Women and Rural Entrepreneur - Special Incentives - Assistance to
Educated Employed -Model Scheme -Export Promotion -Expectation of Entrepreneurs.

Reference:

1. Entrepreneurship Development -C.E. GUPTHA AND M.P.SRINIVASAN

SEMESTER VI
ADVANCED COMPUTER APPLICATIONS IN CLOTHING – PRACTICAL

OBJECTIVES:

On completion of the following exercises, the students must be able to

- Use the technical knowledge in the area of design.
- Create patterns and layouts through CAD techniques.
- Design the garments using software.

LIST OF EXPERIMENTS

1. Draw two colour dress material textile natural design, size – 9x9 inches using coral draw software.
2. Draw two colour dress material textile abstract design, size – 9x9 inches using coral draw software.
3. Draw two colour dress material textile Geometrical design, size – 9x9 inches using coral draw software.
4. Prepare a sari border and pallu design with two colours and four colours
5. Do colour separation in given dress material design by coral draw.
6. Separate first colour and second colour of given design by film processing coral draw
7. Design different pattern repeats.
8. Application of colour harmony in Design.
9. Applications of Principles of design in dress design.
10. Design Garments for the following.
11. Party Wear – Women, Men, Children. • Sports Wear- Tennis, Basketball/ football (men and Women), Golf, any other. • Fashion show – Children, men and women • Winter Wear - Children, men and women • Summer Wear - Children, men and women • Spring Wear - Children, men and women • School uniforms – Preschool, school, higher secondary and college going students-boys and girls.
12. Trace the male, Female & Children's poses.
13. Portfolio – Creation.
14. Prepare pattern for the following.
 - Bib
 - Jabla
 - Knicker
15. Grade the following patterns.
 - Bodice front

- Bodice back
16. Scan designs from books / Magazines / photos and edit the designs – colour or features or back ground etc., or add details like ornaments & accessories.

SOFTWARES USED

1. Adobe Photoshop
2. Corel draw
3. CAD – Lectra / Modaris

SAFETY PRECAUTIONS TO BE FOLLOWED BY STUDENTS

- Do not touch, connect or disconnect any plug or cable without teacher's permission
- Don't attempt to touch any live wires
- Systems should be shutdown properly after completion of work

Subjects and paper related Websites

Textiles related websites:

1. www.fiber2fashion.com
2. <http://textileexchange.org/become-a-member/>
3. <http://autogarment.com/websites/>
4. <http://www.onlineclothingstudy.com/2013/01/43-useful-sites-and-blogs-for-garment.html>
5. https://blog.feedspot.com/textile_blogs/
6. <http://www.textileworld.com/>
7. <http://www.loyaltextiles.com/>
8. <https://www.quora.com/What-are-some-useful-websites-for-the-textile-and-apparel-industry>
9. <http://www.texprocil.com/>
10. <http://texmin.nic.in/>
11. <http://textilefashionstudy.com/about-us/>

Fashion related websites:

1. <http://fidmmuseum.org/?cmpid=GPPCNB-fashion-history>
2. <http://rnyetherrvvalet.com>
3. <http://www.thefashionspot.com/style-trends/549973-best-fashion-blogs/#/slide/1>
4. <http://www.romwe.co.in>
5. <https://www.farfetch.com>

6. <http://playingfashion.com/>
7. <https://cottonbureau.com/>
8. <https://www.everlane.com/>
9. <https://www.warbyparker.com/>
10. <http://www.fluttuo.com/#home>
11. <http://www.topshop.com/?geoip=home>
12. <http://www.refinery29.com/>
13. <https://bonobos.com/>
14. <https://www.interviewmagazine.com/>
15. <https://www.zara.com/us/>
16. <http://www.atelierdore.com/>
17. <https://www.vogue.in/?international>
18. <https://www.ayr.com/>
19. <http://walkedandworn.com/>
20. <http://maudboutiqueomaha.com/>
21. <https://optimo.com/>
22. <http://streetetiquette.com/>
23. <https://keep.com/>
24. <https://www.greats.com/>
25. <http://localsapparel.tictail.com/>