BHARATHIAR UNIVERSITY (CBCS PATTERN)

B.Sc. COSTUME DESIGN AND FASHION

(For the students admitted during the academic year 2017-2018 Batch onwards)

SCHEME OF EXAMINATION - CBCS PATTERN

<table>
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<tr>
<th>Part</th>
<th>Sub Code</th>
<th>Study Components</th>
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**Semester V**

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**Semester VI**

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**List of Elective papers (Colleges can choose any one of the paper as electives)**

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<td>B</td>
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# : No Continuous Internal Assessment (CIA). Only University Examinations.
%: Theory – 10/40 Marks, Practical – 20/30 Marks.
*: For Viva: 20% marks & report: 80% marks.
@: No University Examinations. Only Continuous Internal Assessment (CIA).
SEMESTER-I   Core Paper-I
FUNDAMENTALS OF APPAREL DESIGNING

UNIT-I
Parts and functions of a single needle machine, essential tools – cutting tools, measuring tools, marking tools, general tools, pressing tools, seams and seam finishes – types, working of seams and seam finishes. Hems – types, stitches used.

UNIT-II
Fullness- definition, types. Darts, tucks, pleats, flares and godets, gathers and shirrs, frills or ruffles, flounces, facings – bias facing, shaped facing and decorative facing. Binding – single bias binding, double bias binding.

UNIT – III
Plackets – definition, characteristics of a good placket, types – inconspicuous placket and conspicuous plackets. Method of constructing the same. Fasteners – conspicuous (Button and button-holes, button loops, button with holes, shank buttons, eyelets and cords). Inconspicuous (press buttons, hooks and eyes, zips).

UNIT – IV

UNIT-V
Collars – definitions, types, peter pan, scalloped, puritan, sailor, square, rippled, full shirt collar, open collar, Chinese, turtle neck, shawl collar pockets – types – patch pocket, bound pocket, pocket in a seam, front hip pocket.

REFERENCE:
SEMESTER-I  Core Practical-I
FUNDAMENTALS OF APPAREL DESIGNING PRACTICALS
1. Preparation of samples for seam (any 5)-plain, Top Stitched, Flat fell, piped seam.
2. Preparation of samples for seam finishes (any 3) - overcast, Hem, Edge stitched, bound.
3. Preparation of samples for fullness-darts, tucks (any 3)-pin, cross, group tucking with scalloped effect, Pleats (any 3)-knife, box, kick, gathering by machine, elastic. Ruffles-single, double.
4. Preparation of samples for facing and binding-bias facing, shaped facing, binding.
5. Preparation of samples for plackets and fasteners-continuous, bound, faced and zipper plackets, Tailored Placket, button and buttonhole, press button, hook and eye.
6. Preparation of samples for sleeves-plain sleeve, puff sleeve (any one type), raglon or cap sleeve.
7. Preparation of samples with yoke –simple yoke, yoke supporting fullness.
8. Preparation of samples for collar - peter pan collar , shirt collar,
9. Preparation of samples for pocket-patch Pocket

SEMESTER-I  Core Paper-II
PRINCIPLES OF PATTERN MAKING

UNIT-I
Body measurement – importance, preparing for measuring, ladies measurements, boys and men’s measurements. Standardizing body measurements – importance, techniques used. Relative length and girth measures in ladies /gentlemen
Preparation of fabric for cutting –importance of grain in cutting and construction, steps in preparing the fabric for cutting.

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

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

UNIT- IV
Pattern alteration –importance of altering patterns, general principles for pattern alteration, common pattern alteration in a blouse.
Pattern grading –definition , types , manual –master grades ,basic front ,basic back basic sleeve, basic collar and basic grading.
UNIT-V
Pattern layout- definition, purpose, rules in layout, types of layouts for length wise stripped designs, fabric with bold design, asymmetric designs, one way designs. What can be done if cloth is insufficient, fabric cutting, transferring pattern marking, stay stitching, ease stitching.

REFERENCE:
3. Zarapker system of cutting –zarapker. K. r., Navneet publications Ltd.

SEMESTER I  ALLIED PAPER I
BASIC ILLUSTRATION – PRACTICAL
1. Lines and line drawings – object drawing and perspective view drawings
2. Enlarging and reducing motifs.
3. Learning the usage of various drawing and sketching mediums- pencils, ink, charcoal, brushes, crayons, water color and poster colors.
4. Drawing a stick figure for both normal and fashion figure. Forming a fleshy figure over a stick figure.
5. Dividing the figure into various parts using lines like plumb line, center front line, Princess line, waistline, side seam, armholes, jewel neckline, panty line, bust line etc.,
6. Practicing the art of creating textures.
7. Illustrating pattern details- pockets, sleeves, yokes, skirts, trousers, tops etc.,
8. Illustrating different type of ornaments and accessories.
9. Illustrating details of ruffles, cowls, shirring, smocking, quilting, draping, gathers, pleats, frills and flounces.
10. Basic concept and types of silhouette.

REFERENCES:
2. Fashion design Illustration: Children, Ireland Patrick John,
3. Fashion Design Illustration : Men, Ireland Patrick John
4. Fashion Design illustrations, Ritu
5. Foundation in fashion design and illustration – Julian Seaman
SEMESTER-II CORE PAPER –III
CARE AND MAINTENANCE OF TEXTILES

UNIT-I
Water-hard and soft water, methods of softening water. Laundry soaps – Manufacture of soap (Hot process, cold process), composition of soap types of soap, soap less detergents, chemical action, detergent manufacture, advantages of detergents

UNIT-II
Finishes – Stiffening Agents – Starch (cold water and hot water), Other stiffening agents, preparation of starch
Laundry blues, their application.

UNIT-III
Laundry equipment – for storage, for steeping and Washing – Wash board, suction washer, wash boiler, washing machine. Drying equipments – out door and indoor types. Irons and ironing board – types of iron (box, flat, automatic, steam iron). Ironing board – different types.

UNIT-IV

UNIT-V
Special types of Laundry – water proff coats, silk ties, leather goods, furs, plastics, lace.
Dry cleaning – using absorbents, using grease solvents. Storing – points to be noted.
Stain removal – food stains, lead pencil, lipstick, mildew, nose drops, paint, perfume, perspiration / mildew, tar, turmeric and kum-kum. Care labels – washing, bleaching, Drying, ironing and different placements of label in garments.

REFERENCE:
4. Household Textiles and Laundry Work – Durga Duelkar, Amla Ram & Sons, Delhi
SEMESTER II  
CORE PRACTICALS II
FASHION SKETCHING

1. Analyzing a normal figure into fashion figure – front face to be done using pictures from magazines.
2. Analyzing profile using of a normal figure into fashion figure to be done using pictures from magazines.
3. Analyzing back of a normal figure into fashion figure using magazine to be done using pictures from magazines.
4. Creating illustrations with various garment styles for Men, Women and Children – for casual wear, party wear and sportswear.
5. Drawing the stylized figures of Men, Women and Children - using 10 heads or 12 heads.
6. Drawing garments for different seasons – summer, winter, autumn and spring – for Men, Women and Children.
7. Men and Women illustration on the background of party and office, children illustration on the background of party and picnic.

REFERENCES:
2. Fashion design Illustration: Children, Ireland Patrick John,
3. Fashion Design Illustration : Men, Ireland Patrick John
4. Foundation in fashion design and illustration – Julian Seaman.
5. Fashion Sketch Book, Fair child publication, New York

SEMESTER –II  
CORE PRACTICAL -III
CHILDREN'S APPAREL PRACTICAL

- Designing, drafting and constructing the following garments for the features Prescribed
- List the measurements required and materials suitable Calculate the cost of the garment
- Calculate the material required-Layout method and direct measurement Method

1. Bib- Variation in outline shape
2. Panty-plain or plastic lined panty
3. Jabla- without sleeve, front open (or) Magyar sleeve, back opens
4. Baba suit- knicker with chest piece attached (or) Romper
5. A-Line petticoat- double pointed dart, neck line and arm hole finished with facing/petticoat with gathered waist.
6. Summer frock- with suspenders at shoulder line, without sleeve/collars(or) Angel top with raglan sleeve, fullness at neck line
7. Yoke frock- yoke at chest line, with open, puff sleeve, gathered skirt9OR0 frock-with collar, without sleeve, gathered/ circular skirt at waist line(or) Princess line frock
9. Shirt- open collar, with pocket
REFERENCE:
3. Practical cutting and tailoring part II Eshwasri Anwahi, Lakhraj Hans R.B Publications, Delhi

SEMESTER-II ALLIED PAPER II
SEWING TECHNOLOGY

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

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

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

UNIT – IV

UNIT – V

REFERENCE:
SEMESTER-III  
CORE PAPER IV  
HISTORIC COSTUMES AND TEXTILES OF INDIA

UNIT-I  
Beginning of Costume, Growth of Dress out of painting, cutting etc….  
Study of dyed and printed textiles of India –Bhandhani, patola, ikkat, kalamkari- in all the above types and techniques used.  
Study of woven textiles of India – Dacca Muslin, Banarasi/ Chanderi brocades, baluchar, himrur and amrus, Kashmir shawls, pochampalli, silk sarees of Kancheepuram.

UNIT-II  
Costumes of India – Traditional Costume of different States of India  
Tamil Nadu, Kerala, Andhra Pradesh, Karnataka, Assam, Orrisa, Bihar, Mizoram, Nagaland, W.Bengal,

UNIT-III  
Traditional Costume of different States of India; Maharastra, Rajasthan, Haryana, Himachal Pradesh, Uttarpradesh, Jammu and Kashmir, Gujarat, Madhyapradesh.

UNIT-IV  
Indian Jewellery – jewellery used in the period of Indus valley civilization, Mauryan period, Gupta Period, the Pallava and Chola Period, Symbolic Jewellery of South India, Mughal period. Temple Jewellery of South India, Tribal jewellery

UNIT-V  

REFERENCE:  
2. Indian Costume – G.H Ghosrye, Popular books Pvt Ltd  
3. The costumes and textiles and India – Jamila Brij Bhushan, D B Taraporevala Sons & Co, Bombay(1958)  
SEMESTER III

CORE PAPER-V

FASHION DESIGNING

UNIT I

Terms related to the fashion industry – fashion, style, fad, classic, and collection, chic Custom made, mannequin, fashion, show, trend, forecasting, high fashion, fashion cycle, haute couture, couture, couturier, fashion director, fashion editor, line, knock-off avant garde, bridge, buying house, apparel, fashion merchandising, pre-a-porter, sample.

UNIT II

Design- definition and types – structural and decorative design, requirements of a good structural and decorative design. Elements of design – line, shape or form, colour, size and texture. Application of structural and decorative design in a dress. Principles of design- balance – formal and informal, rhythm through repetition, radiation and gradation, emphasis, harmony and proportion. Application of principles of designs in a dress.

UNIT III

Colour- definition, colour theories- prang colour chart and munsell colour system, Dimensions of colour- hue, value, and intensity. Standard colour harmonies- application in dress design. Colour in principles of design- application of the same in dress design.

UNIT IV

Deigning dresses for unusual figures – becoming and unbecoming – for the following figure types. Stout figure, thin figure, slender figure, narrow shoulders, broad shoulders, round shoulders, large bust, flat chest, large hip, large abdomen, round face, large face, small face, prominent chin and jaw, prominent forehead.

UNIT V

Introduction to Fashion accessories, trimmings and decoration. Wardrobe planning for different age groups, factors influencing wardrobe selection, Fashion and season, Designing dresses for different occasions – business meetings, parties/diners, evenings/leisure hours, marriage functions, sports, uniforms for civil service, airhostess, hoteliers, schools – girls and boys (school, high school).

REFERENCE:
2. Strategies for Women – Judith Rasband, Delmar publishers London Fundamentals of
3. Textiles and their Care- Susheela Dantyagi, 5th edition, Orient Longman Ltd New Delhi
SEMESTER – III   CORE PRACTICAL -IV  
FASHION DESIGNING – PRACTICAL

1. Prepare the following Charts  
   a. Prang colour chart  
   b. Value Chart  
   c. Intensity Chart

2. Illustrate garment designs for the Elements of Design  
   a. Line  
   b. Colour  
   c. Texture  
   d. Shape or form  
   e. Size

3. Illustrate garment designs for the Principles of Design  
   a. Balance in dress  
   b. Harmony in dress  
   c. Emphasis in dress  
   d. Proportion in dress  
   e. Rhythm in dress

4. Illustrate the colour harmony in dress design  
   a. Monochromatic colour harmony  
   b. Analogous colour harmony  
   c. Complimentary colour harmony  
   d. Double complementary colour harmony  
   e. Split complementary colour harmony  
   f. Triad colour harmony

5. Designing dresses for figure irregularities- becoming and unbecoming Stout figure, thin figure, narrow shoulders, broad shoulders, large bust, flat chest, large hip.
SEMESTER-III    CORE PAPER VI
FIBRE TO FABRIC

UNIT-I
Introduction to the field of textiles- classification of fibres –natural and chemical – primary and secondary characteristics of textile fibers.

UNIT-II
Manufacturing process ,properties and uses of natural fibres – cotton ,linen ,Jute , pineapple ,hemp ,silk , wool, hair fibers, man-made fibres –Viscose rayon ,acetate rayon , nylon, polyester, acrylic.

UNIT-III
Spinning –Definition ,Classification – Chemical and mechanical spinning –blending , opening, cleaning, doubling ,carding ,combing ,drawing ,roving ,spinning.
Yarn classification – definition , classification – simple and fancy yarns , Sewing threads and its properties.

UNIT-IV
Weaves – weaving mechanism, parts of a loom and basic process, basic weaves –plain, twill, satin.
Fancy weaves- pile, double cloth, leno, swivel, dobbey and jacquard.

UNIT-V
Non-Wovens- felting, fusing, bonding ,lamination ,netting, braiding and calico,tatting and crotcheting.

REFERENCE:

SEMESTER III  CORE PRACTICAL V  
FIBRE TO FABRIC

Identification of textile fibres
Fibres – Cotton, Silk, Wool, Nylon, Polyester, Lilen, Rayon, Jute.
1. Microscopic Method
2. Flame test.
3. Chemical test.

Testing of yarns/ fabrics
1. counting of the yarn using wrap reel.
2. Counting of the yarn using beesley’s balance.
3. Twist of the yarn using twist tester.
4. Determining the weight of the fabric.
5. Determining the fabric count by
   a  Raveling method
   b  Pick Glass method
6. Course length and loop length of knitted fabric.
7. Colour fastness to water.
8. Test of Shrinkage.
9. Test of Absorbency.
SEMESTER-III  
ALLIED PAPER III 
FASHION BUSINESS AND CLOTHING PSYCHOLOGY 

UNIT-I 

UNIT-II 

UNIT-III 

UNIT-IV 

UNIT-V 
Applications of Visual Merchandising – Exterior, Interior, Trade show & Fair, Fashion show- Definition, planning, budgeting, location, timings, selection of models, collection, set design, music, preparing the commentary, choreography, rehearsal.

REFERENCE: 
SEMESTER III  
SKILL BASED SUBJECT  
BASIC DRAPING-PRACTICAL

List of Experiment:
1. Introduction to draping and dress forms
2. Draping basic front and back
3. Draping basic skirts
4. Draping yokes, Shirt yoke and midriff yoke
5. Draping collars- Peter pan, Mandarin and Shirt Collar

SEMESTER IV  
CORE PRACTICAL VI  
WOMEN'S APPAREL PRACTICAL

Designing, drafting and constructing the following garments for the features prescribed 
List the Measurements required and Materials suitable

Calculate the cost of the garment
Calculate the material required –Layout method and Direct measurements method
1. saree Petticoat- Six Panel , Decorated bottom.
2. Skirts – Circular/umbrella/panel with style variations.
4. Salwar (or) Churidhar (or) Parallels (or) Bell Bottom
5. Kameez – with /without slit, with or without flare ,with /without opening ,with or without 
   panels, with /without yoke.
6. Nightie –With yoke, front open , with sleeve , full length.
7. Ladies pant- waist band , zip attached ,tight fitting / parallel pants.
8. Short kurta / top – Decorative / surface design in tailored placket, with or without collar.

REFERENCE:
1. Scientific garment quality –K M Illege and Sons , Plot No. 43 , Somuvar Peth pune 411011
2. Easy cutting –Juvekar commercial Tailors Corporation p vt 166 Dr. Ambedkar Road dadar.
3. Commercial system of cutting - Juvekar commercial Tailors Corporation p vt 166 Dr. 
   Ambedkar Road dadar.
5. Dress making- Smt Thangam Subramaniam Bombay Tailoring and embroidery college ,32
Practical clothing construction – Part I and II Mary Mathews ,cosmic Press Chennai
SEMMESTER-IV   
CORE PAPER VII

FABRIC STRUCTURE AND DESIGN

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

UNIT-II
Ordinary and brighten honey comb, its modification, huck a back and its modifications, crepe weaves, mock leno.

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

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

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

REFERENCE:
2. Watson’s advanced textile design, Grosichkli Z Newness, Butter worths, London 1989
SEMESTER-IV CORE PRACTICAL VII
FABRIC STRUCTURE AND DESIGN PRACTICALS

To analyze the following particulars of woven fabrics
- Warp Particulars - Ends per inch, Crimp percentage.
- Weft Particulars - Picks per inch, Crimp percentage.
- Fabric Particulars - Total cover factor, Thickness.
- Design, Draft and Peg plan.
1. Plain weave and its derivatives (Warp rib, Weft rib)
2. Twill Weave – Right hand twill and Left hand twill.
3. Satin
4. Sateen
5. Honey comb Weave
6. Huck a back Weave
7. Extra Warp and Weft Figuring.

SEMESTER –IV CORE PAPER VIII
TEXTILE PROCESSING

Unit – I
Typical sequence of processes. Object and methods

Unit II
Mercerization – Theory process - Methods – Chemicals – effects.

Unit III

Unit IV
Unit – V
Wet Processing of Polyester, Nylon, Silk and Wool.

REFERENCE:

SEMESTER – IV CORE PRACTICAL VIII
TEXTILE PROCESSING- PRACTICALS

Preparation of samples for Processing
• Desizing
• Scouring
• Bleaching
• Mercerising

Dye the given fabric using suitable dye
• Direct Dye
• Sulphur Dyes
• Vat Dye
• Disperse Dye
• Reactive Dyes
• Acid Dye
• Basic Dye
• Vegetable Dyes (any one)
SEMESTER-IV
ALLIED PAPER IV
GARMNT QUALITY CONTROL AND MANAGEMENT

UNIT-I

UNIT-II

UNIT-III
Functions of cost control, types of costs and expenses – Apparel manufacturing cost categories – sales cost control, purchasing cost control, production cost control, administration cost control – cost ration policies – the manufacturing budget – cash flow controls – standard cost sheet, break-even – charts.

UNIT-IV

UNIT-V

REFERENCE:
SEMESTER-IV \hspace{1cm} \textbf{SKILL BASED SUBJECT}\hspace{1cm} SURFACE EMBELLISHMENT PRACTICALS

Prepare samples for the following
1. Hand embroidery – 20 stitches -10 samples
4. Smocking -3types

SEMESTER-V \hspace{1cm} \textbf{CORE PAPER- IX}\hspace{1cm} COMPUTERS IN THE GARMENT INDUSTRY

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

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

UNIT-III
CAD in designing
Textile designing – Weaving , Knitting and printing.
Creating embroidery designs.
Garment designing – 2D and 3D forms .

UNIT-IV
CAD in pattern making and grading – system description – information flow – process involved in pattern making , process involved in pattern grading.

UNIT-V

REFERENCE:
3. The technology of clothing manufacture – Harold Carr and Barbara Latham, Blackwell Ltd (1994)
SEMESTER V  CORE PAPER X
TEXTILE FINISHING

UNIT I
Production sequence of textile fabrics – flow chart – brief description.
Finishes – classification – Importance of finishes – application methods

UNIT II
Mechanical finishes – methods and applications;
Aesthetic finishes: Luster – glazed, moiré, schreiner, embossed;
Drape – crisp and transparent, burnt out, sizing, weighting;
Texture – sheared, brushed, embossed, plisse, pleated, flocked, embroidered, napped, fulled;

UNIT III
Functional finishes – methods and applications – wrinkle free finishes, water repellant finish,
flame retardant finish, rot and mildew proof finish, antistatic finish, and soil release finish.

UNIT IV
Special purpose finishes – methods and applications – silicone finish, denim finish – stonewash and
enzyme wash; fragrance finish, UV protection finish, anti bacterial finish, and phase change finishes.

UNIT V
Recent trends in finishing – micro encapsulation techniques, nano finishes.
Environmental pollution during chemical processing of textiles. Treatment of
textile effluents.

REFERENCE:

3. Textile Finishing by V.A. Shenai.
5. Functional Finishes by Lewin And Sello.
SEMESTER V

CORE PRACTICAL IX

MEN’S APPAREL PRACTICAL

- Designing, drafting and constructing the following garments for the features Prescribed
- List the measurements required and materials suitable Calculate the cost of the garment
- Calculate the material required – layout method and direct measurement method

1. S.B. Vest – with/without collar, button attached, sleeveless
2. Slack shirt – full open, shirt collar, patch pocket,
3. Nehru kurtha – stand collar, side pocket, half open
5. Pleated trousers – pleats in front, Darts at back, side pocket, fly with button/zip.
6. T-Shirt – open collar, zip attached
7. Bermudas – patch pocket

REFERENCE:

1. Scientific garment quality – K M Illege and sons, Plot no 43, somuvar peth, pune, 411011
2. Easy cutting – Juvekar, commercial tailors corporation pvt ltd, 166, Dr.Ambedkar Road,Dadar
3. Commercial system of cutting - Juvekar, commercial tailors corporation pvt ltd, 166, Dr.Ambedkar Road,Dadar
4. Zarapker system of cutting – K R Zarapker Navneet Publications ltd
5. Dress making – Smt Thangam Subramaniyam, Bombay tailoring and embroidery college, 32 north park street,ambattur, Chennai
SEMESTER-V

CORE PRACTICAL - X

COMPUTER AIDED DESIGNING- PRACTICALS-I

Create the following designs

1. Motifs / small designs.
   Embroidery designs for Kerchiefs , Neck lines
   Chest prints for T-shirts

2. Children’s Garments
   Jabla- different styles
   Frocks- different styles
   Middi and Tops - different styles

3. Women’s Garments
   Churidhar- different styles Full gown - different styles Middi & Tops - different styles
   Princess line Dress- different styles.
   House coats, Aprons, Nighties

4. Men’s Garments
   S B vest
   T- Shirt - different styles
   Shirts - different styles
   Kurta pyjama - different styles

5. Create logos for branded companies.

6. Create label for garments / companies
SEMESTER-V SKILL BASED SUBJECT

TEXTILE PRINTING

UNIT-I

UNIT-II
Direct printing: Block printing – Brief History, Preparation of design, Blocks, table, print paste and printing process. Stencil printing – Brief history, preparation of fabric, stencils (For one or more colour) Materials used for preparing stencils, process involved and techniques used. Roller Printing- Process and techniques involved.

UNIT-III
Screen printing – brief history, Flat screen and Rotary screen printing, Preparation of screen, print paste, screen printing process, Discharge printing – chemicals used, process involved.

UNIT-IV
Resist printing: Brief history, Batik printing wax used, Equipments required, process sequence and techniques used. Tie and dye – Brief history, Equipments required, process sequence and techniques used.

UNIT-V
Other printing methods: Ink jet printing, Heat transfer printing, photo printing. Fixation and after treatment, Printing

REFERENCE:
SEMESTER-VI       CORE PAPER XI
HOME TEXTILES

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

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

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

UNIT IV
Soft furnishings for living and bed linen. Introduction to living and bedroom linens, types - sofa, sofa
covers, wall hangings, cushion, cushion covers, upholsteries, bolster and bolster covers, bedsheets,

UNIT V
Soft furnishings for kitchen and dining, types of kitchen linens – kitchen towel, aprons, dish cloth,
fridge, grinder and mixie covers, mittens, fridge holders – their uses and care. Types of dining - table
mat, dish/pot holders, cutlery holder, fruit baskets, hand towels - uses and care. Bathroom linens –
types, uses and care.

REFERENCE:
1. Cheryl Mendelson, Home Comforts-the arts and science of keeping home, published by
2. Hamlyn octopus, Cushions and Pillows- professional skills – made easy, Octopus publishing
3. Magi Mc McCormick Gordon, The ultimate sewing Book 200 sewing ideas for you and your
6. Rhoda J.Murphy, House Beautiful- A seasonal guide to decorating with fabric, Quadrille

**SEMESTER-VI**

**CORE PAPER-XII**

**KNITTING**

**UNIT-I**
Knitting – Definition, classification and history, types of knitting- hand and machine, characteristics of knitted goods.

**UNIT-II**
General terms and principles of knitting technology, machine knitting, parts of machine, knitted loop structure, stitch density.

**UNIT-III**
Weft knitting – classification-circular rib knitting machine, purl, interlock, jacquard-single jersey machine-basic knitting elements-types and functions –knitting cycle,CAM-system-3 way technique to develop design-knit, tuck, miss-effect of stitches on fabric properties.

**UNIT-IV**
Warp knitting-lapping variations-tricot, raschel, simplex and Milanese -kitten raschel-single bar,2 bar, multi bar machines. types of threading, production of nets, curtains, heavy fabrics, elasticized fabrics.

**UNIT-V**
Care and maintenance of knitted material-washing, drying, ironing, storing.

**REFERENCE:**
SEMMESTER-VI          CORE PRACTICAL XI
KNITTING PRACTICALS

Identify the given fabric Sample.
Methodology used – unravel and graphic representation
- Plain Knit
- Rib Knit – 1x1, 2x2
- Interlock
- Pique – any 2 structures
- Tricot
- Raschel

Defect Analysis
- Vertical and horizontal lines
- Holes and cuttings
- Distorted stitches
- Any other

SEMMESTER-VI          CORE PRACTICAL - XII
COMPUTER AIDED DESIGNING PRACTICALS-II

1. Application of colour harmony in Design
- Monochromatic colour harmony
- Analogous colour harmony
- Complementary colour harmony
- Double Complementary colour harmony
- Split complementary colour harmony
- Triad colour harmony
- Tetrad colour harmony
- Neutral colour harmony

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

3. Design Garments for the following.
- Party Wear – Women, Men, Children.
Sports Wear - Tennis, Basket ball/foot ball (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.

4. Prepare pattern for the following.
   □ Bib
   □ Jabla
   □ Knicker

5. Grade the following patterns.
   □ Bodice front
   □ Bodice back

SEMESTER-VI

SKILL BASED SUBJECT

PAPER –IV FASHION PORTFOLIO PRESENTATION

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
➢ Design development chart
➢ Final presentation.
➢ Number of garments in a collection 4-6 garments.
SEMESTER-V

ELECTIVE PAPER I - A

TEXTILE PRINTING-PRACTICALS

1. Preparation of sample for printing.
   - Cotton
   - Polyester
   - Silk.

2. Preparation of printing paste.
3. Create Design with Block printing – Vegetable/ wooden blocks
5. Tie and Dye Designs with any three methods with single/ double/ Multi colours.
6. Batik printing with any three methods with single/ double/ Multi colours.
7. Print a Design using Screen printing methods.
SEMESTER-V  
ELECTIVE PAPER I - B 
ACCOUNTING AND BUSINESS MANAGEMENT 

UNIT I 
Accounting concepts and conventions – rules of accounts – importance of accounting – nature and scope of accounting – double entry system – advantage – difference between double entry and single entry 

UNIT II 

UNIT III 
Final accounts – trading and profit and loss A/C and balance sheet with simple adjustments 

UNIT IV 

UNIT V 
Nature and objectives of business – legal forms of business of ownership – sole trader, partnership, company and co-operative societies – advantages and limitations 

Note: problems – 70 marks, theory – 30 marks 

REFERENCE: 
1. Introduction to accountancy – T S Grewal 
2. Principles of accountancy – N Vinayagam, P L Main, K L Nagarajan 
5. Business management – Dinker Pagare 
SEMESTER – V  
ELECTIVE I - C  
ENTREPRENEURIAL DEVELOPMENT  

UNIT I
Concept of Entrepreneurship: Definition Nature and Characteristics of Entrepreneurship - Functions and types of Entrepreneurship phases of EDP. Development of women Entrepreneur and rural Entrepreneur – including self employment of women council scheme.

UNIT II

UNIT III
Institutional service to Entrepreneur – DIC, SIDO, NSIC, SISI, SSIC, SIDCO, ITCOT, IIC, KUIC and commercial Bank.

UNIT IV
Institutional finance to Entrepreneur – IFCI, SFC, IDBI, ICICI, TIIC, SIDCS, LIC and GIC, UTI, SIPCOT – SIDBI and commercial Bank venture capitals.

UNIT V
Incentives and subsidies – Subsidied Services – Subsidy for market. Transport – seed capital assistance – Taxation benefit to SSI – role of Entrepreneur in export promotion and import substitution.

REFERENCE:
1.  Entrepreneurial Development – C.B. Gupta and N.P. Srinivasan  
2.  Fundamentals of Entrepreneurship and small Business – Renu Arora and S.KI.Sood  
3.  Entrepreneurial Development – S.S.Khanka  
4.  Entrepreneurial Development – P.SaravanaVel  
5.  Entrepreneurial Development – S.G.Bhanushali  
6.  Entrepreneurial Development – Dr.N. Ramu
SEMESTER-V  ELECTIVE II - D
APPAREL MARKETING AND MERCHANDISING

UNIT-I
Meaning and classification of Marketing , fashion Marketing , Marketing environment. Marketing Function – Assembling, standardization and Grading and packaging , product planning and development. The fashion industry and new product development, product mix and range planning. Pricing policies and strategies for apparel products, Functions and factors Influencing pricing, pricing strategies for new products, methods of setting prices.

UNIT-II
Fashion sales promotional programme for apparel marketing , communication in prop motion, Personal selling, point of purchase. Fashion Advertising and preparation of advertising for apparel market , Advertising media used in apparel market, Apparel & Textile Trade shows and fairs . Advertising department and advertising agencies – structure and functions . Advertising Budget.

UNIT-III

UNIT IV

UNIT V

REFERENCES:
7. Building Buyer Relationships, *Daragh’ Reilly, Juliian J. Gibbs*

**SEMESTER-V**

**ELECTIVE II – E**

**APPAREL PRODUCTION MANAGEMENT**

**UNIT I**


**UNIT II**


**UNIT III**


**UNIT IV**


**UNIT V**

Controlling – Need for co-ordinating – Meaning and importance of control – control process – types of control.

**REFERENCE:**

SEMESTER-V  ELECTIVE II - F
BUSINESS FINANCE

UNIT I
Business Finance: Introduction – Meaning – Concepts – Scope – Functions of finance,
Traditional and modern concepts – content of modern finance functions.

UNIT II

UNIT III
Capitalisation – Bases of Capitalisation – Cost Theory – Earning Theory – Over Capitalisation –

UNIT IV
Capital Structure – Cardinal Principles of capital structure – Trading on equity – Cost of capital –
concept – Importance – Calculation of Individual and composite cost of capital.

UNIT V
Sources and forms of Finance: Equity Shares, Preference Share, Bonds, Debentures and fixed
deposits – features – advantages and disadvantages.

REFERENCE:
1. Essentials of Business Finance – R.M.Sri Vatsava
2. Financial Management – SaravanaVel
5. Financial Management – M.Y.Khan and Jain
SEMESTER-VI       ELECTIVE III - A  
ORGANISATION OF GARMENT UNIT

UNIT-I
Entrepreneurship- Meaning definition and types , need for Entrepreneurs, qualities and types of Entrepreneurship. Difference between Entrepreneur and manager. 
Management- Definition , Management as a process –Planning ,organizing ,Directing Controlling, Co ordination.

UNIT-II
Organizational structure of a garment unit, Design department ,Finance department, purchasing department , Production department, Organizing different sections – hierarchy 
Personnel involved in all the departments, nature of the job .

UNIT-III
Factory Design and layout – importance of factory design , factors affecting factory design , Types of buildings, ( single and Multi –storey) –advantages and limitation . Factory layout – Process, Product and combined layout 
Design requirement – requirements relating to health, safety and welfare

UNIT-IV
Cost estimation for cutting, stitching, checking, packing, forwarding, shipping and insurance.

UNIT-V
Performance of Indian Garment Export, SWOT Analysis Setting up of garment unit for export market ,Export Document ,Export finance- Payment method ,Export shipping 
Institutions supporting entrepreneurs- DIC, NSIC ,SISI,SIPCOT, TII,KVIC, CODISSIA, COMMERICAL BANKS –SBI.

REFERENCE:
1. Principles of management- Dinakar pagare, sultan chand and sons, delhi.
2. Entrepreneurship Development in India – Dr. C.B Gupta , Dr N.P . Srinivasan, sultan Chand and sons delhi 1997.
SEMESTER-VI          ELECTIVE III - B
EXPORT ANALYSIS & DOCUMENTATION

UNIT I

UNIT II

UNIT III

UNIT IV

UNIT V
Pre shipment inspection and quality control – Foreign exchange formalities – Pre shipment documents. Shipment of goods and port procedures – Customs clearance.

REFERENCE:
1. Paras Ram, Hand Book of Import and export Procedures
SEMESTER-VI  
ELECTIVE III - C  
APPAREL QUALITY MANAGEMENT

UNIT I
Meaning of quality, testing and standard and their importance in apparel industry – Quality terminologies- Sources of international standards.

UNIT II
Inspection: Incoming and raw material inspection: Fabric inspection – 4-point system. In process/ online inspection: Advantages – On line inspection during spreading, pattern making, cutting, sewing and ironing.
Final inspection: Sampling plans and AQL charts – Level of final inspection. Packing & packaging quality tests. Care labeling and international care symbols.

UNIT III

UNIT IV

UNIT V

REFERENCE: