



PSG College of Arts & Science
An Epitome of Quality Learning

B.Sc.
COSTUME DESIGN & FASHION

2017 - 2020

BSc Costume Design & Fashion
Scheme of Examinations
(For students admitted from 2014-2015 & onwards)

CODE NO.	SUBJECT	EXAM DURATION (Hrs)	Max. Marks			Credit Points
			CA	CE	Total	
First Semester						
<i>Part - I</i>						
14LAU01 12LAU01 14LAU01	Tamil – I OR Hindi – I OR French-I	3	25	75	100	3
<i>Part - II</i>						
14EU01	Communicative English - I - Interpersonal Communication	3	25	75	100	3
<i>Part - III</i>						
14CDU01	Fiber and Yarn Manufacturing	3	25	75	100	4
14CDU02	Pattern Making and Grading	3	25	75	100	4
14CDU03	Basics of Apparel Construction - I Practical	3	40	60	100	3
14CDU04	Concepts of Fashion Designing Practical	3	40	60	100	2
Second Semester						
<i>Part - I</i>						
14LAU02 12LAU02 14LAU02	Tamil – II OR Hindi – II OR French-II	3	25	75	100	3
<i>Part -II</i>						
14EU02	Communicative English II– Academic Communication	3	25	75	100	3
<i>Part - III</i>						
14CDU05	Woven Fabric Manufacture	3	25	75	100	4
14CDU06	Knitted Fabric Manufacture	3	25	75	100	4
14CDU07	Fabric Structure Analysis Practical	3	40	60	100	2
14CDU08	Basics of Apparel Construction – II Practical	3	40	60	100	2
14CDU09	Basic Fashion Designing Practical	3	40	60	100	2
<i>Part - IV</i>						
14VEU01	Value Education	--	100	--	100	2
* Industrial Training 2 weeks						
CODE NO.		EXAM	Max. Marks		Credit	

	SUBJECT	DURATION (Hrs)	CA	CE	Total	points
Third Semester						
	Part - III					
14CDU10	Textile Wet Processing	3	25	75	100	4
14CDU11	Apparel Machinery & Equipment	3	25	75	100	4
14CDU12	Apparel Costing & Accounting (Allied-CO)	3	25	75	100	5
14CDU13	Industrial Management & Entrepreneurship (Allied-MS)	3	25	75	100	5
14CDU14	Textile Wet Processing Practical	3	40	60	100	2
14CDU15	Pattern Making & Garment Construction Practical (Children's Wear)	3	40	60	100	2
14CDU16	Computer Aided Fashion Designing Practical	3	40	60	100	2
14CDU17	Fashion Illustration Practical (Children's Wear)	3	40	60	100	2
14CDU18	Industrial Training	-	40	60	100	1
	Part - IV					
14ESU01	Environmental Studies	--	100	--	100	2
Fourth Semester						
	Part - III					
14CDU19	Textile Testing	3	25	75	100	4
14CDU20	Fashion Merchandising and Retailing	3	25	75	100	4
14CDU21	Apparel Statistics (Allied-ST)	3	25	75	100	5
14CDU22	Export Marketing (Allied-CO)	3	25	75	100	5
14CDU23	Textile Testing Practical	3	40	60	100	2
14CDU24	Pattern Making & Garment Construction Practical (Women's Wear)	3	40	60	100	2
14CDU25	Computer Aided Textile and Garment Designing Practical	3	40	60	100	2
14CDU26	Fashion Illustration (Women's Wear) Practical	3	40	60	100	2
	Part - IV					
14SBU01	Skill Based Subject : Internet Security	--	100	--	100	2
* Industrial Training 2 weeks						

CODE NO.	SUBJECT	EXAM DURATION (Hrs)	Max. Marks			Credit points
			CA	CE	Total	
Fifth Semester						
<i>Part - III</i>						
14CDU27	Apparel Marketing & Merchandising	3	25	75	100	3
14CDU28A	<u>Core Elective – I</u> : Total Quality Assurance	3	25	75	100	4
14CDU28B	OR Historic Costumes & Textiles of India					
14CDU29	Pattern Making & Garment Construction Practical(Men's wear)	3	40	60	100	2
14CDU30	Home Furnishing Practical	3	40	60	100	2
14CDU31	Fashion Illustration (Men's Wear) Practical	3	40	60	100	2
14CDU32	Accessories Designing Practical	3	40	60	100	2
14CDU33	Industrial Training	-	40	60	100	1
<i>Part - IV</i>						
14NME01	<u>Non – Major Elective (1)</u> : EDC	--	100	--	100	2
14NME02	<u>Non – Major Elective (2)</u> : General Awareness (On-line Test)	1½	--	100	100	2
Sixth Semester						
<i>Part - III</i>						
14CDU34A	<u>Core Elective – II</u> : Clothing Care	3	40	60	100	4
14CDU34B	OR Fashion and Clothing Psychology					
14CDU35	Fashion Draping Practical	3	40	60	100	2
14CDU36	Fashion Studio Practical	3	40	60	100	2
14CDU37	Beauty Care Practical	3	40	60	100	3
14CDU38	Portfolio Practical/Project Work	-	40	60	100	7
Total Credits						136

<i>PART - V</i>		<i>Credits</i>
<u>Extension Activity</u> : NSS/NCC/Sports/Department Extension Activity	I – VI semesters	2
<u>Competence Enhancement</u> : Add-on Course/Women's Studies/Extra paper	I – VI semesters	2
Grand Total		140

- Students can opt any one EDC of Cluster-V offered by the college at UG level, other than the course offered by their own department.

- Apart from Part-V, students are also permitted to appear for any extra paper (s) which is/are not offered by their own departments. 2 credits will be allotted for each paper. On passing an extra paper, the student will earn 2 extra credits.

EDC Offered by the Department

14EDCCDU

Basics in Costume Design & Fashion (Cluster-V)



Since - 1947

OBJECTIVE: To study the basic fiber and yarn process.

UNIT – I TEXTILE FIBERS

(9)

Introduction to Textile Fibers – Classification of Textile Fibers: Natural fibres – Cotton – Jute – Wool – Silk Fibers – Manufacturing Process – Properties of Fibers – Uses of the above fibers.

UNIT – II REGENERATED FIBRES

(8)

Regenerated Cellulose fiber – Viscose, Acetate Rayon – Manufacturing Process – Properties of fibers – Uses of the above fibers. Regenerated Protein Fibers. Bicomponent fibres, Miscellaneous fibres.

UNIT – III SYNTHETIC FIBERS

(9)

Man-Made fiber – Type of Polymerization Reaction – Wet, Dry, Melt Spinning – Nylon fiber – Polyester fiber – Acrylic fiber – Manufacturing Process – Properties of fibers – Uses of the above fibers – Texturizing – It's Uses.

UNIT – IV SPINNING PREPARATORY

(10)

Ginning – Objectives – Types and Working Principle – Mixing and Blending – Blow Room – Objectives of Blow Room – Carding – Objectives – Passage of Material – Drawing – Objectives – Passage – Drafting – Combing- Preparatory for combing– Passage – Combing Machine.

UNIT – V SPINNING

(9)

Roving – Passage of Material through Simplex Machine – Spinning – Passage – Drafting – Rotor Spinning Machine – Assembly winder Doubling – Wet and Dry- TFO – Fancy Yarns – Sewing threads – Manufacturing process– Yarn Faults – Causes and Remedies(Self Study).

TOTAL 45 HRS

TEXT BOOK:

1. Bernard P. Corbman, Textiles Fiber to Fabric, 6th edition, Mc. Graw Hill International Editions, New York, 1983, 1996
2. S.P.Mishra, A Text Book of Fiber Science and Technology, New Age International (P) Ltd, New Delhi, 2005

REFERENCE:

1. Susheela Dantyagi, Fundamentals of Textiles and their Care, Orient Longman Ltd, New Delhi, 5th edition, 1998
2. A.V. Mani, Spun Yarn Technology, Vol.I,II,III, Saravana Publications Co. Ltd, 1985
3. W.G. Klein, The Technology of Short Staple Spinning, Textile Institute, Manchester, 1988
4. William Scott Taggart, Cotton Spinning, Universal Book Corporation, 1996
5. Miles Collins, Woolen and Worsted Spinning, Abhishek Publication, Chandigarh-17, 2002
6. Parul Bhatnagar, Elementary Textile, Abhishek Publication, Chandigarh, 2002
7. D. Chakravarthy, P.N.Pandy, Silk Worm Crops, Kurl Bhushan Nangia, APH Publishing Corporation, 2005.
8. S.Jayaprakasam, R. Gopalakrishan, V. Kasinathan, Fiber Science and Technology, S.S.M.I.I.T staff and students Co. operative stores Ltd, Komarapalayam, June 1997
9. K.B.Sagadevan, K.S.Shyam Babu, Fiber Science and Technology, A Complete and Comprehensive and a Perfect Finest Blend of Text Book and Guide, The Director of Technical Education, Tamil Nadu, Prepared for 1998 – 1999 Batch Onwards
10. William & Murphy, Elements of fibre science, 1st edition, Abishek publications, Chandigarh, 2003.
11. R.Jeffries, Bicomponent fibres, 1st edition, 1971, Wood head publishing limited, 2004.

12. NIIR Board, The complete Technology book on Textile processing with effluents treatment, Asia Pacific of industrial research, National Institute of industrial research, New Delhi, India.



Since - 1947

OBJECTIVE: To study the basic methods of making patterns and construction.

UNIT – I PATTERN MAKING

(9)

Pattern Making – Method of Pattern Making Drafting - Measurement – Body Measurement, Allowances for Children, Women, and Men's Garments, Types of Paper Pattern – Principles of Pattern Drafting – Steps in Children and Adults Bodice and Sleeve Patterns.

UNIT – II DRAPING

(9)

Draping – Importance of Draping – The Dress Form – Draping Steps for Basic Bodice – Basic Skirt – Gathered Skirt with Yoke – Pants. Flat Pattern Technique- Pattern Alterations — Computerized Pattern Making.

UNIT – III LAYOUT

(8)

Pattern Layout – Rules in Pattern Layout – Common Methods for Laying the Pattern – Layout for Asymmetrical Designs, Bold, Striped, Checked and Wavy Design – Economy of Fabrics in Placing Patterns .

UNIT – IV GRADING& FIT

(10)

Fitting – Definition – Principles for a Good Fit – Causes for a Poor Fit – Solving Fitting Problems in Various Garments. Grading – Definition – Principles of Grading – Basic Grading of Bodice, Skirt, Pants, Sleeves and Collar – Grading of different Men's, Women and Children's Apparels.(self study)

UNIT – V FABRIC SELECTION

(9)

Selection of Fabric – Factors to be considered in Selection. Grain – Types of Grain – Importance of Grain in Fabric Cutting and Garment Construction – Methods of Straightening Fabric Ends and Fabric Grain – Stitches – Classification, Dress Making Methods – Tailor Made, Ready Made, Merits and Demerits of childrens and adults wear.

TOTAL 45 HRS

TEXT BOOK:

1. Practical Clothing Construction. Part I & Part II – Mary Mathews, Chennai (1985).
2. Zarapkar System of Cutting by K.R. Zarapkar Navneet Publications INDIA Ltd., (2005).

REFERENCE:

1. Grading for Fashion Industry by J.Patrick Taylor, M.Martin, Shobannational institute of public co-operation, 1999.
2. Fundamentals and Principles of Pattern Making for Women by Cartis, Irving.E, Black well publications, New Delhi (2004).
3. Professional Pattern Grading for Women's, Men's and Children's Apparel by Greedy Cooklin, Black well publications, New Delhi (2004).
4. Grading for fashion Industry, by M.M.Shoben, NIFT, New Delhi (1999).

14CDU03

**BASICS OF APPAREL CONSTRUCTION-I
PRACTICAL**

SEM – I

OBJECTIVE: To study and prepare the basic samples for apparel construction.

- (a) Preparation of Samples for Temporary Hand Stitches (Even, Uneven, Diagonal, Basting) Slip
- (b) Preparation of Samples for Permanent Hand Stitches (Running, Back, Run and Back, Hemming, Slip, Over - Casting, Over Handing, Whipping)
- (a) Preparation of Samples for Seams (Plain, Single Top Stitch, Double Top Stitch, Lapped, Slot, French, Mantua Makers, Flat fell - Machine & Hemmed, Welt, Piped and Corded Seam.)
- (b) Preparation of Samples for Seam Finish (Pinked, Double Stitch, Edge Stitch, Herring Bone, Over Cast, Bound Seam edge finish).
- Preparation of Samples for Fullness (Darts, Tucks, Pleats, Godets, Gathers and Shirris, Frills and Ruffles).
- Preparation of Samples for Faced Necklines (Bias, Shaped and Decorative)
- Preparation of Samples for Binding Necklines (Bias and French)
- Preparation of Samples for Pockets (Patch Pocket, Welt / Bound Pocket, Set- in Pocket / Side Seam Pocket)
- Preparation of Samples for Plackets and Openings (One Piece or Continuous Bound Placket, Two Piece or Faced and Bound Placket, Zipper Placket – Slot & Lapped, Tailor Placket / Box Pleat Placket)
- Preparation of Samples Fasteners (Hook and eye (Thread and Metal) , Press Button, Velcro, Fancy Button , Shirt Button, Button hole, Link / Kurta Buttons).

TOTAL 72 HRS

Since - 1947

OBJECTIVE: To study the fundamentals of fashion concept

1. Prepare the following Charts:
 - a. Prang colour chart
 - b. Value chart
 - c. Intensity chart
 2. Illustrate the Colour Harmony in Dress Design
 - a. Monochromatic colour harmony
 - b. Analogous colour harmony
 - c. Complimentary colour harmony
 - d. Double Complimentary colour harmony
 - e. Split Complimentary colour harmony
 - f. Triad colour harmony
 3. Illustrate garment designs for the Elements of Design
 - a. Line
 - b. Colour
 - c. Texture
 - d. Shape or Form
 - e. Size
 4. Illustrate garment designs for the Principles of Design
 - a. Types of design
 - b. Balance in dress
 - c. Harmony in dress
 - d. Emphasis in dress
 - e. Proportion in dress
 - f. Rhythm in dress
1. Application of colour and Principles of design in dress
 - a. Harmony through colour
 - b. Emphasis through colour
 - c. Proportion through colour
 - d. Rhythm through colour
 - e. Balance through colour
 2. Designing dresses for figure irregularities – becoming and unbecoming
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.

Since - 1947

TOTAL 48 HRS

OBJECTIVE: To study the woven fabric and structures.

UNIT –I PREPRATION FOR WEAVING (9)

Weaving preparatory – Object of winding – High speed winding machine – Weft winding – Warping machine – Sectional warping machine – Sizing – Sizing ingredients – Sizing machine – Drawing in – Denting.

UNIT – II LOOM MOTIONS (9)

Looms – Passage of yarn through loom – Primary motion – Secondary motion and Auxiliary motion – Handloom, Power loom, Automatic loom.

UNIT – III MODERN LOOMS (9)

Dobby loom, Drop box loom, Jacquard loom — Shuttle less weaving – Projectile loom, Rapiet loom, Air jet loom, Water jet loom, Selvedges – Woven fabric defects(Self study), Multiphase Weaving.

UNIT – IV WEAVE DESIGNS (10)

Elements of design, Draft, Peg plan, Weave – Plain, Twill, Satin, Sateen, Honeycomb, Huckaback, Terry-Extra warp, Extra weft, Backed fabric, Gauze and Leno, Double fabric.

UNIT – V NON WOVELNS (8)

Non Woven - Introduction – Types - Non Woven Techniques – Applications

TOTAL 45 HRS

TEXT BOOK

1. Fabric Forming by Husmuga Rai, New Age International (2000)
2. Watson's textile design and colour- elementary weaves and figured (seventh edition) by Z.J. Grosicki, Woodhead publishing ltd, England.(2004).

REFERENCE:

1. Watson's advanced textile design - compound woven structure (forth edition) by Z.J. Grosicki, Universal publishing corporation. (1989).
2. Weaving calculations by Sen Guptha, Taraporevala publications ltd., (1966).
3. Fabric Forming by K.Sagadevan, KLR College, New Age International (2000).

OBJECTIVE: To study about the knitted fabric and structure.

UNIT –I KNITTING

(7)

Introduction to Knitting– Classification of Knitting– Comparison of Weaving and Knitting – Comparison of Warp and Weft Knitting– Important Terms in Knitting – Coarse – Wales – Gauge – Face Loop – Back Loop – Loop Length.

UNIT – II ELEMENTS OF KNITTING

(10)

Passage of Single Jersey Circular Weft Knitting Machine – Element of Knitting Machine – Needle – Sinker – Cam – Feeder – Single Jersey, Double Jersey, Rib Knit Structure- Inter Lock Knit Structure – Purl Knit Structure – Knit Stitch, Tuck Stitch, Float Stitch.

UNIT –III KNITTING MACHINES

(9)

Knitting Machines – Jacquard Knitting Machine – Scope of Computerized Jacquard Knitting Machine – Knitted Fabric Defects – Causes and Remedies (Self study).

UNIT – IV FLAT KNITTING

(10)

Working Principles of Flat Knitting Machine – flat weft knitting- passage of material through flat weft knitting, Flat Bed Pearl Knitting, Flat knitting Basic structures- Cardigan, Racked Rib and Cable stitch -Fabric Quality Control

UNIT – V WARP KNITTING

(9)

Principles of Warp Knitting: Important Features- Different Types- Knitting Elements- Knitting Actions-Tricot, Rachel, Milanese – Standard Structures – Design Development. Seamless garments

TOTAL 45 HRS

TEXT BOOK:

1. Anbumani, Knitting Manufacture Technology, New Age International, Chennai, (2006)

2. Knitting and Apparel Technology, S.S.M.I.T Co-operative Society

REFERENCE:

1. D.B.Ajgaonkar, Knitting Technology, Universal Publishing Corp, Bombay, 1998

2. Samuel.R, Flat Knitting, Meisenbach Bamberg, Germany,1991

3. Debby Robinson, The Knitting Encyclopedia of Knitting Technology, The Editing published, (1989).

4. David J. Spencer, Knitting Technology, Woodhead Publishing Ltd., Cambridge England, Third edition, (2001).

5. Dr. S. Raz, Warp Knitting Production, Velag Melliand Textile Berichte Gmbh, Heidelberg, 1987.

6. Chandrasekara Iyer, Bernd Mammel and Wolfgang Schach, Circular Knitting, Meisenbach Bamberg (1992).

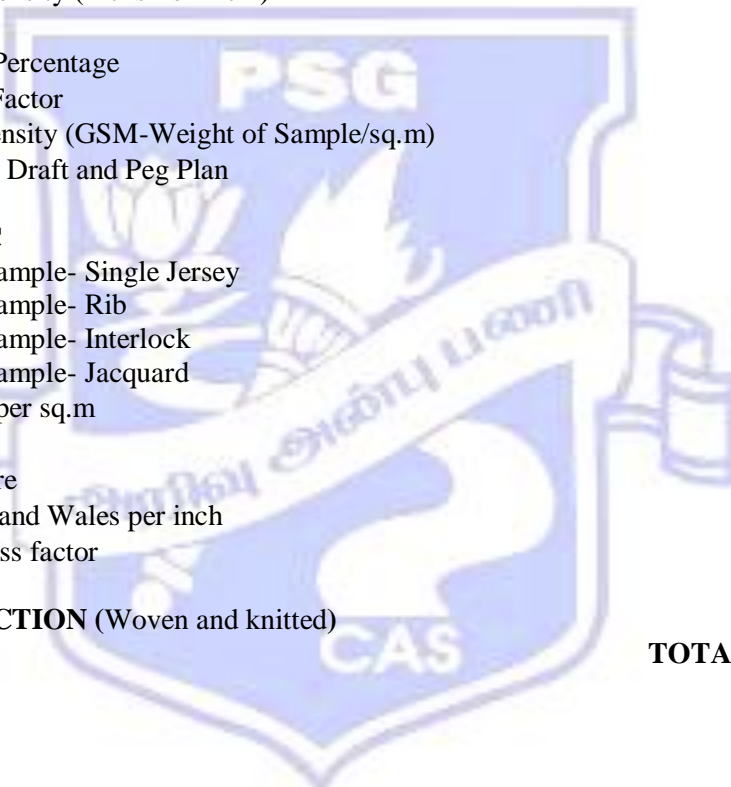
OBJECTIVES: To analyse the woven and knit fabrics.

I WOVEN FABRIC

1. Analyse the woven sample-Plain weave
2. Analyse the woven sample-Twill weave
3. Analyse the woven sample-Satin weave
4. Analyse the woven sample-Huckaback weave
5. Analyse the woven sample-Extra Warp weave
6. Analyse the woven sample-Honey Comb weave
7. Analyse the woven sample-Terry weave
 - Warp density(Ends Per Inch)
 - Weft density (Picks Per Inch)
 - Count
 - Crimp Percentage
 - Cover Factor
 - Area density (GSM-Weight of Sample/sq.m)
 - Design, Draft and Peg Plan

II KNITTED FABRIC

3. Analyses the knit sample- Single Jersey
4. Analyses the knit sample- Rib
5. Analyses the knit sample- Interlock
6. Analyses the knit sample- Jacquard
 - Grams per sq.m
 - Count
 - Structure
 - Coarse and Wales per inch
 - Tightness factor

III SAMPLE COLLECTION (Woven and knitted)**TOTAL 36 HRS**

Since - 1947

14CDU08

**BASICS OF APPAREL CONSTRUCTION-II
PRACTICAL**

SEM-II

OBJECTIVE: To study and prepare samples for apparels

1. Preparation of Samples Set – in Sleeves: Plain, Puff, Bishop, Circular, Leg –o-Mutton Sleeves.
2. Preparation of Samples Sleeveless Styles: Square, Cap, Long / Short Magyar Sleeves.
3. Preparation of Samples Sleeves Combined with Bodice: Kimono, Dolmon, Batwing, Raglon Sleeves.
4. Preparation of Samples Collars : Flat Collar – Peter Pan collar, Cape, Puritan, Scalloped, Chinese, Turtle Neck, Shawl, St. line Full roll Convertible collar.
5. Preparation of Samples Yokes: Simple, Yoke with Fullness, Yoke Releasing Fullness, Midriff (Yoke Supporting Fullness), Panel and Partial Yoke.
6. Preparation of Samples Skirts: Plain, Yoke Skirt, Yoke with Fullness, Yoke Releasing Fullness, Circular Skirt, Layered Skirt.

TOTAL 48 HRS



Since - 1947

14CDU09

**BASIC FASHION DESIGNING
PRACTICAL**

SEM – II

OBJECTIVES: To study the basics of designing.

1. Colour Wheel, Colour Medias- Graphite pencil, Colour pencil, Crayon, Water colours, Poster colours, Fabric colours.
2. Draw and shade the Colour Theories.
3. Draw variations for Sleeves
4. Draw variations for Cuffs
5. Draw variations for Yokes
6. Draw variations for Fullness
7. Draw variations for Pockets
8. Draw variations for Skirts –For The Above Use Various Techniques.

TOTAL 36 HRS



Since - 1947

OBJECTIVE: To study the basic processing sequence in apparel industry.

UNIT – I PREPRATORY PROCESS (9)

Introduction to quality of water used in textile industry-Preparation: Impurities Present in Gray Cotton Fabric – Singeing – Singeing Machine – Desizing – Continuous Enzyme Desizing Process – Scouring – Bleaching – Type of Bleaching – J-Box.

UNIT – II DYEING

(9)

Dyeing – Classification of Dyes – Direct, Acid, Basic, Reactive, Vat, Disperse, Eco Friendly Dyes, Tie and Dye – Dyeing Defects and remedies. Type of Dyeing Machines – Hank, Beam, Jigger, Winch, Jet, Soft Flow Dyeing Machines, Colour Matching Cabinet, Pantone Colour, Delta Value, Lab Dip..

UNIT – III PRINTING (8)

Printing: Introduction – Different Types of Printing – Screen, Roller, Rotary- different styles of – Discharge, Resist, and Pigment – Curing. Printing Defects and remedies.

UNIT – IV FINISHING (10)

Finishing: Classification of finishing- mechanical and chemical finishing- Enzymes, wrinkle free, water repellent, water proof finishing, bio polishing, bio washing, stone wash, acid wash, flame retardant finishes, Mildew finish -Mercerizing – Methods of mercerizing – Damping and Calendaring. Finishing Defects and remedies.

UNIT –V QUALITY CONTROL (9)

Quality control and pollution control: Importance-Need of quality control-Importance and need of environment protection-Air & Water pollution – Effluent treatment plant, Eco-friendly processing (Self study). Causes and remedies of processing.

TOTAL 45 HRS

TEXT BOOK

1. Fabric Finishing by Dr. Nalankallai, new age International (2000).
2. Technology of Textile Processing, Vol 3, 4, 6, 10. by Shenai V.A, Sevak Publications, Mumbai (1996).

REFERENCE:

1. An Introduction to Textile Printing by W. Clarke, Woodhead Publishing Limited, Cambridge England (2004).
2. An Introduction to Textile Finishing by Marsh.J.T (1999)
3. Fundamentals of Textiles and their Care by Susheela Dantiyagi. (V edition) (2000).

OBJECTIVE: To study the basic machineries used in apparel industry.

UNIT – I SPREADING AND CUTTING

(10)

Spreading – Spreading Methods, Equipment and Tools, Types of Spreads and its Quality – Requirement - Machinery Equipment Marking Methods – Positioning Marking – Types of Markers – Notches – Drills and Computer Aided Markers. Cutting Technology – Definition, Function, Types of Spread and its Quality, Cutting Equipment and Tools, Straight Knife Cutting Machine, Rotary Cutting Machine, Band Knife Cutting Machine, Die Cutters, Cutting Drills, Computerized Cutting Machines. Pin Table.

UNIT – II BASIC SEWING

(8)

Sewing Machines – Parts and Functions of Single & Double Needle Machine, Flat lock Machine, Over lock Machine, Three, Four, Five Thread Machines– Special Attachments. Problems in Sewing Machines and maintenance

UNIT – III SPECIALITY SEWING

(9)

Fashion Maker, Bar Tacking, Button hole Making, Button Fixing, Blind Stitching Machine, Fabric Examining Machine, Embroidery machines. Feed of the Arm , Flat Lock ,Chain Stitch ,Welt Pocket machine, Faggoting.

UNIT – IV STITCHING MECHANISM

(9)

Stitching Mechanism – Needles, Bobbin and Bobbin Cases, Bobbin Winding, Shuttle and Shuttle Hooks, Loops Loop Spreader, Psychology of clothing, Maslows, Pyramid theory, Lining, Interlining, Wadding, Buttons & loop fastening, Seam binding & tape zip fastness – Pressure Regulators – Stitch Length, Times Sequence in Stitch Formation. Types of Machine beds.

UNIT – V PRESSING & PACKING

(9)

Pressing – The Purpose of Pressing – Categories of Pressing – Means of Pressing – Pressing Equipment and Methods – Pleating – Permanent Press – Garment Folding and Packing. Garment Care and Maintenance – Latest developments in sewing machinery's. (Self Study), Buyer manual.

TOTAL 45 HRS

TEXT BOOK

1. “Apparel manufacturing” Hand book – analysis, principles and practice, by Solingar Jacob , Columbia Boblin media Corp(1988)
2. Industrial engineering in apparel production by V.Ramesh Babu, Woodhead publishing India Pvt Ltd (2012)

REFERENCE:

1. “Materials management in clothing production”, by David J. Tyler (1991)
2. Gerry cooklin Revised by Steven Hayes and John Mc Logline, Introduction to clothing manufacture, Black well science publishing-(2007 Revised).
3. “The Technology of clothing manufacture”, by Harold Carr and Barbara Latham, Second edition, Black Well Publishing (1999).
4. “Garment Technology for Fashion Designers”, by GerryCooklin Black well publishing (1997).
5. “Introduction to clothing manufacture”, by Gerry cooklin Revised by Steven Hayes and John mc logline, Black well science publishing (1998).

14CDU12 APPAREL COSTING & ACCOUNTING - (ALLIED) Semester – III
(For B.Sc Costume Design & Fashion)

Learning objective: To make the students to understand the practices of accounting in Apparel Industry

	Hours
UNIT – I : Accounting -Introduction	8
Double Entry System of book keeping– Accounting- Meaning - Types of accounts-Rules of accounting – Journal- Ledger – Trial Balance – Uses and limitations of Financial Accounting.(self study)	
UNIT – II : Subsidiary Books	10
Purchase book – Sales book – Purchase returns book- Sales returns book – Two and Three column cash book – Petty Cash Book.	
UNIT – III : Final Accounts	10
Final accounts of sole trading concern- Trading account, Profit and loss account and balance sheet –Uses and limitations of balance sheet – Problems with simple adjustment.	
UNIT – IV : Cost Accounting	10
Meaning of Cost Accounting – Advantages and Disadvantages – Preparation of Cost Sheet – Essentials of Material Control – Techniques of Material Control – EOQ – Stock Levels, Issue of Material – FIFO – LIFO, Simple Average method– Weight Average method.	
UNIT – V : Wage Payment	10
Labour Cost – Good Wages System – System of Wage Payment – Time Wage Piece Rate - Premium – Bonus Plans.	

Distribution of Marks: 60% Problems and 40% Theory

Text Books

Grewal .T.S.,“Double Entry Book Keeping”., S.Chand & Co.Ltd, New Delhi
Jain & Narang, “Cost Accounting”, Kalayani Publishers, New Delhi

Reference Books

1. Iyengar .S.P , “Cost Accounting”, Sultan Chand & Sons, New Delhi.
2. Maheswari.S.N, “Cost and Management Accounting”, Sultan Chand & Sons, New Delhi.
3. Prabhu dev, “Cost Accounting”, Himalaya Publishing House, Mumbai.
4. Pillai R.S.N & Bagavathi. V, “Cost Accounting”, Sultan Chand & Sons, New Delhi.

**14CDU13 INDUSTRIAL MANAGEMENT AND ENTREPRENEURSHIP
(For BSc CDF)**

TOTAL: 55 Hours

OBJECTIVE: This paper helps the student to gain knowledge about industrial management practice and make them acquire entrepreneurial skills, attitude and knowledge.

UNIT - I (10 Hours)

Firm and Industry – meaning – forms of business enterprises – based on ownership – Management – definition – functions – principles-management process.

UNIT - II (12 Hours)

Production – meaning – types of production system – Plant Location – factors in plant location – urban, rural, sub-urban – plant layout – importance - principles – types.

UNIT – III (13 Hours)

Production Planning and Control – Objectives – Functions – Steps – Inventory – Functions – levels of inventory – Techniques of Inventory Control – ABC analysis and other approaches – Quality Control – Need – Quality Certification – ISO Certification.

UNIT IV (10 Hours)

Introduction to Entrepreneurship - Definition of entrepreneur – Meaning – qualities of a successful entrepreneur – functions - types of entrepreneurs- entrepreneurs and managers- - role of entrepreneurship in economic development– barriers of entrepreneurship.

UNIT V (10 Hours)

Entrepreneurial development programs -phases of entrepreneurial development programs-content of training program - Steps for starting a small industry- -sources of support for entrepreneurs-institution assisting entrepreneurs

TEXT BOOK

1. Dr.Ravi, Industrial Engineering and Management, Galgotia Publications Pvt Ltd,2e,2010
2. C.B. Gupta and N.P. Srinivasan – Entrepreneurial development – Sultan Chand & Sons

REFERENCE BOOKS

1. NG Nair, Production and Operations Management, Tata Mc Graw Hill, 1e, 2011
2. Paneer Selvam, Production and Operations Management, PHI, 3e, 2012

Since - 1947

OBJECTIVES: To develop dyeing and printing samples

1. Scouring of cotton fabric.
2. Bleaching of cotton fabric using Hydrogen Peroxide.
3. Dyeing the given cotton fabric using- Direct dyes.
4. Dyeing the given cotton fabric using- Vat dyes
5. Dyeing the given cotton fabric using- Reactive dyes
6. Dyeing the given silk fabric using – Acid dyes
7. Dyeing the given polyester fabric using -Disperse dyes
8. Dyeing the given cotton fabric using –Tie & dye techniques.
9. Screen printing on cotton fabric.
10. Stencil printing on cotton fabric.
11. Batik/Block printing on cotton fabric.
12. Color matching the dyed samples with pantone shades.

TOTAL: 36 HRS



Since - 1947

14CDU15

**PATTERN MAKING & GARMENT
CONSTRUCTION PRACTICAL (CHILDREN'S WEAR)**

SEM- III

OBJECTIVES: To prepare the pattern and construct the garments.

1. Prepare the pattern and construct the garments for Bib and Bonnet
 2. Prepare the pattern and construct the garments for Panty
 3. Prepare the pattern and construct the garments for Jabla
 4. Prepare the pattern and construct the garments for Layette
 5. Prepare the pattern and construct the garments for Sun suit (Button hole)
 6. Prepare the pattern and construct the garments for Romper (appliqués)
 7. Prepare the pattern and construct the garments for Petticoat
 8. Prepare the pattern and construct the garments for A- Line Frock (running / cording / satin)
- Hand Embroidery - stem, chain, satin, herring bone, french knot, lazy daisy.

TOTAL: 36 HRS



Since - 1947

14CDU16

**COMPUTER AIDED FASHION DESIGNING
PRACTICAL**

SEM – III

OBJECTIVES: To design the garments.

An introduction about **Word, Power point and Excel**

1. COREL DRAW

- Designing and Drawing with Various Tools, Logo design
- Garment Design – Children’s, Women’s and Men’s Wear.

2. ADOBE PHOTOSHOP

- Drawing and Designing with Various Tools’ Operations.
- Creating Designs.
- Application of Colours.
- Importing the Silhouette illustrations from Adobe Illustrator.
- Application of Garment Design.
- Evolutions of textile Designs.
- Scanning and morphing of images.

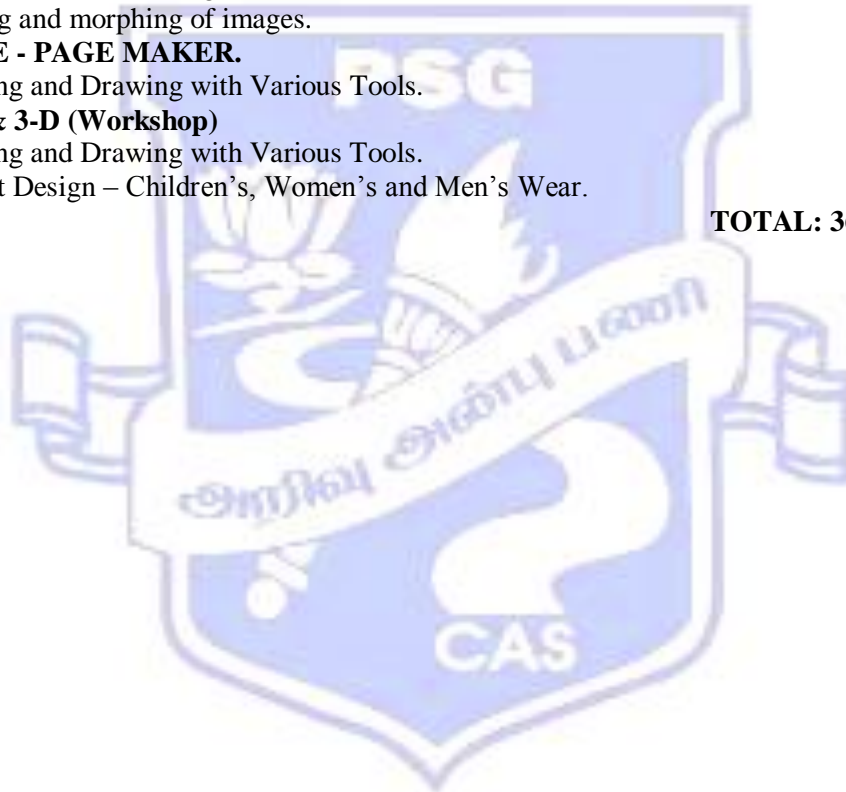
3. ADOBE - PAGE MAKER.

- Designing and Drawing with Various Tools.

4. FLASH& 3-D (Workshop)

- Designing and Drawing with Various Tools.
- Garment Design – Children’s, Women’s and Men’s Wear.

TOTAL: 36 HRS



Since - 1947

14CDU17

**FASHION ILLUSTRATION SEM – III
PRACTICAL (CHILDREN’S WEAR)**

OBJECTIVES: To draw the different wear& country costumes for Kids.

1. Drawing the Head & Neck, The Torso, The Arms & The Hands, The Legs & The Feet.
2. Sketch the Colour Theory Applications – colour combinations for kids garment.
3. Drawing of different head theory (4 ½)
4. Illustrate Costumes of Indus Valley for children
5. Illustrate Costumes of Mayan Civilization for children
6. Illustrate Costumes of Vedic Age for children
7. Illustrate other Pre historic Costumes for children
8. Drawings and Developing Illustrations from Photos and Pictures from Magazines.
9. Drawing Garments and Accessories on kids figure.

TOTAL: 36 HRS



Since - 1947

14CDU18

INDUSTRIAL TRAINING

SEM-III

OBJECTIVES: The student has to undergo training in either a woven or a knitted garment industry

@ Sampling Department

@ Knitting, Weaving & Home textile Department

@ Textile Wet Processing (Dyeing & Printing)

@ GMT Department

@ Quality Department

@ Finishing Department

@ Packing Department

@ Designing Department



Since - 1947

OBJECTIVE: To study the basic textile testing methods involved in apparel industry.

UNIT – I FIBRE**(9)**

Introduction to textile testing and quality control - Humidity – Wet and Dry Bulb Hygrometer, Moisture Regain – Moisture Content – Conditioning Oven. Fiber Tests – Fiber Length – Bear Sorter – Fibro Graph – Shirley Trash Analyzer – Fiber Strength – Measurement of Strength by Pressley Tester and Stelometer – Fineness of fiber – Fineness Instrument – Maturity.

UNIT-II YARN**(10)**

Yarn Tests- Numbering System – Count – Quadrant Balance – Twist Tester – Count and Twist Relationship – Yarn Strength – Lea Strength – Ballistic Tester – Evenness Tester – Yarn Irregularity, Uster Classimat and Yarn hairiness.

UNIT – III KNITTED FABRIC**(9)**

Knitted Fabric – Loop Length – Course Length – Courses/inch, Wales/inch – GSM – Measurement of Shrinkage – Bursting Strength – Fabric Air Permeability, Air Resistance – Water Permeability. Fastness and its agencies – testing of colour fastness – washing, rubbing, perspiration, dry cleaning bleaching, saliva, seawater, chlorinated water - Bursting strength.

UNIT – IV WOVEN FABRIC**(8)**

Introduction to Hand Weaving - Fabric Tests- Fabric Strength – Tensile Strength Tester – Tearing Strength Tester – Crease Recovery – Fabric Stiffness – ISI Pilling – Abrasion Tester – Thickness, Drape –Crimp Tester.

UNIT – V APPAREL**(9)**

Quality – Meaning – Definition – Accepted Quality Level and Accepted Quality Standard – Quality Standards for Sewing Threads and Needles – Quality Standards for Yarn and Fabric. Organizing for Quality Control – Inspection Center: Grey Fabric and Processed Fabric – Accessories Inspection – Quality Control – In Cutting, Sewing and Packing – Organization Chart of Production, Sampling Departments – Final Inspection Departments (**self study**).

TOTAL: 45 HRS**TEXT BOOK:**

1. Textile Testing by P.Angappan and V.Gopalakrishnan, SSM Institute of Textiles, (2000)
2. Principle of Textile Testing by JE Booth, CBS publication Newdelhi, (1996).

REFERENCE:

Physical Testing & Quality Control by Slater. K. Vol .23, No1/2/3, Textile Institute, (1993).
Apparel Manufacture – Sewn Product Analysis by Ruth Clock & Grace Kunz, Upper Sadale River Publications, New York, (2000).
Hand Book of textile testing by E.B.Grorver Wiley Easters University, Delhi, (1980).
Encyclopedia of Management – TQM by Samuel K.HO, Crest Publication House (1999)
Introduction to Quality Control by Pradeep Mehta, ASQC Quality Press, Marcel Dekker Inc., New York (1992).

OBJECTIVE: To study the merchandising aspects in apparel industry.

UNIT – I FASHION

(10)

Fashion -Components of Fashion – Silhouette – Texture – Color – Acceptance – Change – Principles of Fashion. The Environment of Fashion: Demographics and Psychographics – Economic Factors – Sociological Factors – Psychological Factors .The Movement of Fashion: The Cycling of Fashion – Stages of the Fashion Cycle – Consumer Buying and the Fashion Cycle – Factor's Influencing Fashion Movement – Recurring Fashions.

UNIT- II DESIGNERS

(9)

The Leader of Fashion: Birth of Fashion – The Designer's Role – Types of Designer's-Top 10 Indian Designers and Top 10 International Designers(Self study) – Insight and Intuition – Source of Design Inspiration – Manufacturers and the Retailer's Role — Fashion Leaders and Followers. Merchandising Industry and Marketing Activities – Market Center – Industry Trends.

UNIT-III RETAILING

(8)

Domestic Fashion Market:- Market Weeks – Trade Shows – The Development of Regional Fashion Centers – Trends of Italy, Hong Kong ,France ,London, Paris .Fashion Retailing – Types of Retailers of Fashion Merchandise – Fashion Advertising.

UNIT –IV VISUAL MERCHANDISING

(9)

Visual Merchandising-Window Display-Concept, Types of Display, Display settings-Principles of design- Harmony ,Rhythm, Balance, Emphasis and Proportion applied to Window Display-Exterior of a store- Banners, Outdoor lightings, Planters, Awnings, Windows in Store Front Design, Arcade front, Corner window.

UNIT-V DISPLAY

(9)

Display Window Construction- Closed back window. Floor, Back of the window, Ceiling, Side walls, Masking, Open Back windows, Special Windows- Store Interiors-Columns, Focal points, Fascia, Counters and Display cases, Ledges, Risers, Enclosed Displays, 100 % Traffic Areas.

TOTAL: 45 HRS

TEXT BOOK

1. Fashion Merchandising and Introduction by Elaine Stone and Jean A. Samples, IV Edition.
2. Visual Merchandising and Display – Martin M Peglar S. V. M, Fairchild Publication, Inc, New York – 2007 V Edition.

REFERENCE:

1. Fashion Marketing by Easey M(ed), Blackwell Science 1994.
2. Merchandising- Theory, Principles and Practice Grace i. Kunz II Edition, Fairchild Publications, Inc. New York. 2005.

Objective: To impart the knowledge of Statistical concepts in the field of fashions

UNIT I**(8)**

Introduction to Statistics – Definition – Uses, Functions and Limitations – Data collection – Primary and Secondary Data – Methods of collecting primary data – sources of secondary Data - Preparation of Questionnaire.

UNIT II**(10)**

Classification and Tabulation of data –Meaning and uses- Construction of Frequency Tables - Diagrammatic and Graphical representations – Rules for construction – Bar diagrams and pie chart- Histogram, Frequency polygon, Curve and Ogives- Simple problems.

UNIT III**(10)**

Measures of Central tendency – Definition, types of Measures and calculations- Merits and demerits- Absolute and relative measures of Dispersion – Definition, types of measures, calculations – Merits and demerits – Simple problems.

UNIT IV**(10)**

Theory of Statistical Quality Control(SQC) - Concept, uses, construction and interpretation of Mean, Range, p, np and C charts- Simple problems.

UNIT V**(10)**

Time series- meaning uses and its components –Trend: Estimation of Trend – Free hand curve method, Semi average method, Moving average method and method of least square – Simple problems- Seasonal variations: Measuring seasonal variations- Simple average method only.

Note: Proof and derivations are excluded. Theory carries 30 marks and problems carries 45 marks.

Reference:

1. Business Statistics by S.P. Gupta and M.P. Gupta, Sultan Chand & Sons publishers, NewDelhi.
2. Statistics by Bhagavathi and RSN. Pillai
3. Statistical Methods by S.P. Gupta, Sultan Chand & Sons publishers, NewDelhi.

Learning Objective: To understand the procedure for exporting and export documentation in the international trade

Hours

Unit I : Introduction to Export Marketing

Export marketing of apparel, global scene, Prospects for Indian apparel in overseas market – Globalization – Export barriers

8

Unit II : Export Promotion

Export promotion measures – Special Economic Zones – Establishment of SEZ – Benefits for SEZ – Institution for export promotion – Advisory bodies – Promotional organizations – Service Institutions. Incentives and facilities to exporters – Import facilitating schemes – Status recognition.

10

Unit – III : International Marketing Management

Market segmentation and targeting – International product policy – International pricing policy – International distribution policy – International promotional policy.

10

Unit IV International trade procedures

International trade documents – Commercial documents – Regulatory documents – Pre-shipment export documents – Contract terms and trade documents – Execution of export order – Customs clearance for import.

10

Unit V Financing of foreign trade

Methods of payments – Letter of credit – Export finance from commercial banks – Advanced against duty drawbacks – EXIM Banks – Finance for project and service exports – Facilities for Export capability creation – Facilities for joint ventures abroad – Factoring and Forfeiting.

10

Text Book

Jeevanadam.C, International Business, Sultan Chand & Sons, First Edition 2008.

Reference Book

1. Varma.M.L., World Trade, Himalaya Publication.
2. Vershney & Maheswari, International Marketing, Sultan Chand & Co

14CDU23

TEXTILE TESTING PRACTICAL

SEM-IV

OBJECTIVES: To test the fiber, yarn, fabric & garments.

Determination of burning property of the fiber using burning test/ Microscope Test

Determination of Count, Lea's Strength and CSP Using- Wrap Reel & Lea Tester.

Determination of Yarn Appearance and Grade Using- ASTM Board.

Determination of Single/ Double Twist Using -Twist Tester.

Determination of course length using loop length tester.

Determination of Tensile strength using -Tensile tester

Determination of bursting strength using- Bursting tester.

Determination of Bending Length, Thickness, flexural Rigidity Using- Stiffness Tester.

Determination of Abrasion Resistance Using - Abrasion tester

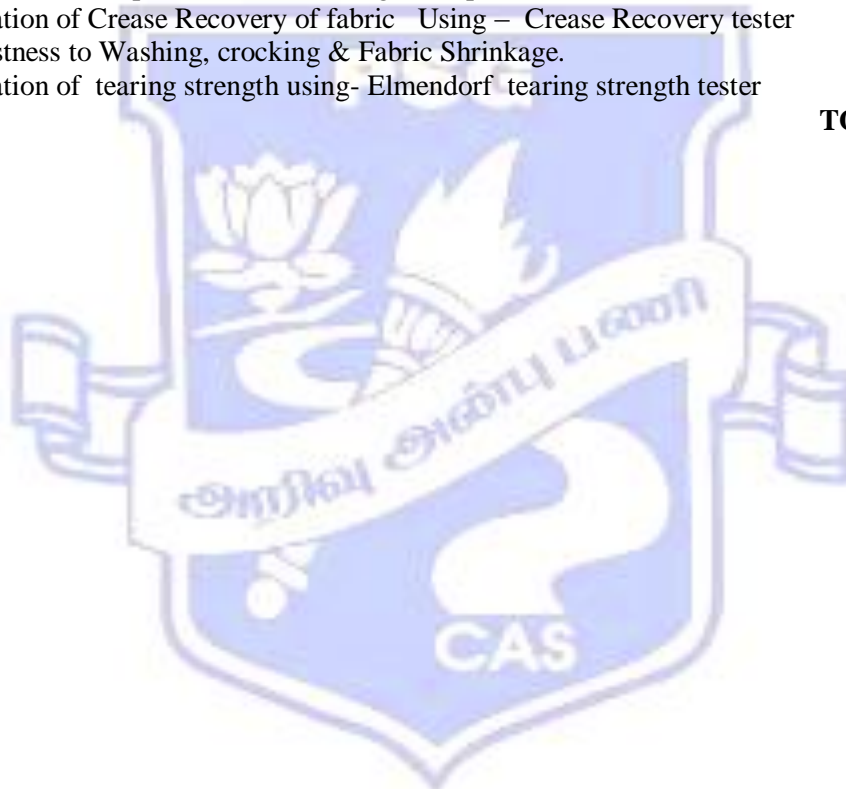
Determination of Drape co-Efficient Using – Drape meter

Determination of Crease Recovery of fabric Using – Crease Recovery tester

Colour fastness to Washing, crocking & Fabric Shrinkage.

Determination of tearing strength using- Elmendorf tearing strength tester

TOTAL: 36 HRS



Since - 1947

14CDU24

PATTERN MAKING AND GARMENT

SEM-IV

CONSTRUCTION PRACTICAL (WOMEN'S WEAR)

OBJECTIVES: To prepare the pattern and construct the garments using traditional embroidery.

1. Prepare the pattern and construct Saree Petticoat
2. Prepare the pattern and construct Blouse
3. Prepare the pattern and construct Middy
4. Prepare the pattern and construct Middy Top
5. Prepare the pattern and construct Night Dress
6. Prepare the pattern and construct Salwar
7. Prepare the pattern and construct Kameez
8. Prepare the pattern and construct Ladies Pant
9. Prepare the pattern and construct Ladies Shirt
10. Prepare the pattern and construct Ghagrah choli

TOTAL: 36 HRS



Since - 1947

14CDU25 COMPUTER AIDED TEXTILE AND GARMENT DESIGNING PRACTICAL SEM IV

OBJECTIVES: To draw the design and pattern making and Grading.

1. Introduction to Design and studio.
2. Learning of different tools .
3. Textile designing
 - Prepare Fabric Design and Print Design with full drop, half drop and quarter drop.
 - Prepare Weave Designing with
 - Prepare Knit Designing
 - Prepare Jacquard Designing
4. Garment Designing
 - Design a Party wear
 - Design a Executive wear
 - Design a Cocktail wear
 - Design a Casual wear
5. Grading of patterns.
6. Marker planning of graded patterns

TOTAL: 36 HRS



Since - 1947

**14CDU26 FASHION ILLUSTRATION (WOMEN'S WEAR) SEM – IV
PRACTICAL**

OBJECTIVES: To draw the different wear & country costumes.

Drawing Head & Face (Women) from Different Angles.

Drawing different head theory(8&10)

Body Construction through Stick Figures, Blocking Figures, Gesture Figures.

Drawing Clothes on Figures.

Drawing Accessories

Drawing Garments for Party Wear

Drawing Garments for Casual Wear

Costumes of Egypt, Greece, Roman and French.

American Costume – 18th and 20th Century English Costume. .

Drawings and Developing Illustrations from Photos and Pictures from Magazines & Stylized Figures(Women's).

TOTAL: 36 HRS



Since - 1947

14CDU27

**APPAREL MARKETING
AND MERCHANDISING**

SEM – V

OBJECTIVES: To learn about the marketing and merchandising.

UNIT – I MARKETING (8)

Fashion consumer typologies, maslows hierarchy of needs, 4 P's, Swot Analysis, marketing research process, the importance of marketing.

UNIT – II SOURCING AND SUPPLY CHAIN MANAGEMENT (9)

Sourcing defined, supply chain management, an historical perception of sourcing, change resulting from supply chain management, benefits of supply chain management.

UNIT – III MARKET STRATEGY (9)

Marketing mix – price in fashion, fashion product distribution channels, brand distribution channels. The fashion market size & structure, trends in marketing environment.

UNIT – IV MARKETING RESEARCH (9)

Introduction, purpose of market research design, data source, data collection methods, role of marketing research in new product development, fashion forecasting. cost of making.

UNIT – V MERCHANDISING (10)

Merchandise, apparel and fashion merchandising – role of merchandiser – type of merchandising – export house – manufacturer – buying house – buying agency – selection of buyers and buying agencies, merchandising corresponding: orders – handling of orders and dealing with manufacturers – trade fair participation and other methods of sales promotion in merchandising (self study)

TOTAL: 45 HRS

TEXT BOOK:

1. Merchandising- Theory, Principles and Practice Grace I. Kunz II Edition, Fairchild Publications, Inc. New York. 2005
2. Fashion Marketing by Easey M(Ed), Blackwell Science 1994.

REFERENCE:

- Fashion marketing – 3rd edition, Edited by Mike Easey, ISBN – 13:978-1405/39533, Mar 2009.
Mastering Fashion marketing – by Tim Jackson and David show, Palgrave Macmillan, 2009
Fashion buying and merchandising management- by Tim Jackson and David show, Palgrave Master Series, Palgrave Macmillan.

Since - 1947

OBJECTIVE: To study the marketing and merchandising aspects in apparel industry.

UNIT – I (8)

What is quality-Definition of quality –Importance of Quality –Various factors influencing quality-quality circle -Different Quality concepts-Seven management tools.

UNIT – II (10)

Cost of quality – classification of various costs under cost of quality –cost of failure –cost of appraisal and cost of Preventions –overview of the quality assurance practices –role of quality assurance practices – preproduction procedures.

UNIT – III (9)

ISO 9000 – QA system standards – back ground – Important Standards – ISO 9000 series –elements of ISO 9001:2008, SA8000 – certificate Procedure –internal Quality audits –ISO 1400 – REACH Standard – BSCI Standard.

UNIT – IV (9)

Quality in product Development –Fabric Quality Standards – 4 Point and 10 point system for Assessment – 100% Inspection – Random inspection –AQL.Online inspection Procedures-Bench marking

UNIT-V (9)

Quality TQM – TQM and corporate Strategy Four Pillars of TQM – concept and need of TQM – TQM Guru ideas – TQMEX MODEL –Need and implementations – KAIZEN-seven quality tools

TOTAL: 45 HRS

TEXT BOOKS:

1. Jacob So linger ,” Apparel Manufacturing Hand Book “, Prentice Hall,1993

REFERENCES:

1. Pradip v.Mehta, “ An Introduction of Quality control for the Apparel Industry”.ASQC quality press , Marcel Dekker Inc., New York ,1992
2. Managing Quality in Apparel Industry ,S.K.Bhardwaj & Pradip v Mehta .
Quality is free , Philip Crosby.

14CDU28B

**CORE ELECTICVE - I
HISTORIC COSTUMES AND TEXTILES OF INDIA**

SEM- V

UNIT-I (9)

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, himrus and amrus, Kashmir shawls, pochampalli , silk sarees of Kancheepuram.

UNIT-II (9)

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

UNIT-III (9)

Traditional Costume of different States of India;
Maharashtra, Rajasthan, Haryana, Himachal Pradesh, Uttarpradesh, Jammu and Kashmir, Gujarat, Madhyapadesh.

UNIT-IV (9)

Indian Jewellery – jewelleries 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
A brief study of gems and precious stones.

UNIT-V (9)

Traditional embroideries of India – Origin ,Embroidery stitches used –embroidery of Kashmir , Phulkari of Punjab ,Gujarat – Kutch and Kathiawar, embroidery of Rajasthan , Kasuti of Karnataka ,Chickenwork of Lucknow, Kantha of Bengal – in all the above – types and colours of fabric /thread.

TOTAL : 45 Hours

TEXT BOOKS:

1. The costumes and textiles and India – Jamila Brij Bhushan, D B Taraporevala Sons & Co, Bombay (1958)

REFERENCE:

1. Indian Jewellery – M.L Nigam, Lustre Press Pvt Ltd ,India (1999)
2. Indian Costume –G.H Ghosrye, Popular books Pvt Ltd
3. Costumes of India –Dorris Flyn, Oxford &IBH Publishing Co ,Delhi (1971).
4. Costumes of India and Pakistan – Das S.N , DB Taraporevala Sons and co, Bombay(1956).

Since - 1947

14CDU29

**PATTERN MAKING & GARMENT
CONSTRUCTION PRACTICAL (MEN'S WEAR)**

SEM – V

OBJECTIVES: To prepare the pattern and construct the garments

1. Prepare the pattern and construct T-Shirt
2. Prepare the pattern and construct Full Sleeve Shirt
3. Prepare the pattern and construct Sharvani
4. Prepare the pattern and construct Nehru Kurtha
5. Prepare the pattern and construct Bermudas
6. Prepare the pattern and construct Trousers
7. Prepare the pattern and construct Polo T shirt (2- 3 buttons)
8. Prepare the pattern and construct Cargo pants
9. Prepare the pattern and construct Boxer shorts
10. Prepare the pattern and construct Night Dress

TOTAL: 72 HRS



Since - 1947

14CDU30

**HOME FURNISHING
PRACTICAL**

SEM – V

OBJECTIVES: To study about home textiles & prepare samples for living room furnishing

1. Preparing samples for curtain with painting
2. Preparing samples for cushion covers with quilting
3. Preparing samples for wall hangers with mirror work.
4. Preparing samples for pillow covers with basic stitches
5. Preparing samples for table mat with kantha work
6. Preparing samples for hand towel with fancy stitches.
7. Preparing samples for bed spreads with hand printings
8. Preparing samples for mixie and grinder cover.

TOTAL: 72 HRS



Since - 1947

**14CDU31 FASHION ILLUSTRATION (MEN'S WEAR) SEM – V
PRACTICAL**

OBJECTIVES: To draw the different wear& country costumes.

1. Drawing Head & Face (Men) from Different Angles.
2. Drawing different head theory(8&10)
3. Body Construction through Stick Figures, Blocking Figures, Gesture Figures.
4. Drawing Clothes on Figures.
5. Drawing Accessories
6. Drawing Garments for Party Wear
7. Drawing Garments for Casual Wear
8. Costumes of Egypt, Greece, Roman and French.
9. American Costume – 18th and 20th Century English Costume.
10. Drawings and Developing Illustrations from Photos and Pictures from Magazines & Stylized Figures (Men).

TOTAL: 48 HRS



Since - 1947

14CDU32

ACCESSORIES DESIGNING PRACTICAL

SEM-V

OBJECTIVES: Design and making of the following items.

1. Designing of accessory for casual wear
2. Designing of accessory for party wear
3. Designing of accessory for Bridal wear
4. Designing of accessory for cocktail wear
5. Designing of accessory for winter wear
6. Designing of accessory for Indian brides
7. Designing of accessory for Indian grooms

From Glass, Paper, Fabrics, Beads, Threads, Zippers, Buttons, Buckles, Zipper Rings

TOTAL: 48 HRS



Since - 1947

14CDU33

INDUSTRIAL TRAINING

SEM-V

OBJECTIVES: The student has to undergo training in either a woven or a knitted garment industry

@ Sampling Department

@ Knitting, Weaving & Home textile Department

@ Textile Wet Processing (Dyeing & Printing)

@ GMT Department

@ Quality Department

@ Finishing Department

@ Packing Department:



Since - 1947

14CDU34A

**CORE ELECTIVE-II
CLOTHING CARE**

SEM – VI

OBJECTIVES: To study about the basic laundry and maintenance of clothing

UNIT I LAUNDRY EQUIPMENT (8)

Principles of Laundering, Laundry equipment and laundry reagents. Minimum requirements – Availability – Effective arrangement of space and equipment – purchase and Maintenance of equipment.

UNIT II SOAP AND DETERGENTS (9)

Soaps and Detergents –Cleaning action of soap indigenous cleaning agents like Rita met shikakai-green gram –bran solutions. Water – Hard and soft Water- Methods of Softening Water.

UNIT III PHYSIOLOGY &HYGIENE OF MATERIALS &CLOTHING (9)

Methodology in clothing physiology-aerodynamics of clothing-Hydrokinetics of clothing systems-clothing Hygiene.

UNIT IV STIFFENING AGENTS (9)

Stiffening Agents –Natural and Commercial starches – Preparation of starch use, bleaching agents, blueing agents-their application-Optical blues.

UNIT V STAIN REMOVAL AND WASHING (10)

Stain removal , Methods of Washing – Application of Friction – HandFriction,rubbing and scrubbing– application of light pressure, kneading and squeezing suction – washing –use of washing machine ,methods of finishing –damping –ironing –dry cleaning and Storage, Care Labeling.

TOTAL: 45 HRS

TEXT BOOKS

1. Susheela Dantyagi, Fundamentals of Textiles and their Care, Orient Longman Ltd, New Delhi, 5th edition, 1998
2. Fabric Care by Neomi D'Souza, New Age International Publisher, 1998

REFERENCES:

1. Textile Fabrics & Their Selection, Wingate I.B. Allied Publishers Pvt. Ltd. Madras
2. Fundamentals of Textiles & their Care. Dantyagi.S. Orient Langnass Ltd. New Delhi 1980.
3. Family Clothing Tate of Glesson John Wiley & Sons .Inc. Illinois Latest Edition.
4. Household textiles and laundry work Durga deulkar, Alma Ram & Sons. Delhi.
5. Physiology & Hygiene of materials & clothing, E.T. Renbourn, Published by Wood head publishing limited, 2004.

14CDU34B

**CORE ELECTIVE-II
FASHION AND CLOTHING PSYCHOLOGY**

SEM- VI

OBJECTIVES: To study about the basic Fashion and various Clothing Psychologies.

UNIT-I (9)

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, cloths as sex appeal, cultural value Fashion cycles, repetition of fashion .

UNIT-II (9)

Fashion evolution – Fashion cycles , Length of cycles , consumer groups in fashion cycles – fashion leaders , fashion innovators, fashion motivation , fashion victim, fashion victims, Fashion followers .Adoption of Fashion – trickle down , trickle up and trickle across theory .Fashion forecasting – market research , evaluating the collection , Fashion services and resources (fashion services , Colour services ,video services , News letter services, web sites , Directories and references), Design- Historic and ethnic costumes.

UNIT-III (9)

Visual merchandising of fashion , types of displays – window displays , interior displays , Elements of display – the merchandise , mannequins and forms , props , signage , lighting Merchandising presentation – tools and techniques- back drop, forms, fixtures . Fashion show- Definition , planning ,budgeting, location, timings, selection of models, collection ,set design, music , preparing the commentary , rehearsal .

UNIT-IV (9)

Understanding Fashion designer – types – classicist, idealist, influenced, realist, thinking poet. Indian Fashion designers –Haute couture – Rohit Khosla, Gitanjal kashyap , hemant Trivedi, J.J Valaya ,James ferrerira, Ritu Kumar ,Rohit bal, Tarun Tahiliani Minimalists- Himanshu and sonali sattar , sangeethe Chopra, Wendell Rodricks. Village India- Bhamini Subramaniam, Anju modi, Indiar, Broker, Madhu Jain. Studio line – Bhairavi jaikishan ,Kishan Mehta ,Ravi Bajaj ,Ritu beri, Rockys.

UNIT-V (9)

World fashion centers –France, Italy, America, Fareast. Contributions of well known designers from France, Italy, America, Britain and Fareast Countries.

TOTAL : 45 Hours

TEXT BOOKS:

- 1.Retail Fashion promotion and Advertising – Drake et-al , Macmillan publications company, new york.
- 2.Art and Fashion in clothing selection – Harriet T ,Mc Jimsey, The Iowa state university press,Ames ,Iowa (1973).

REFERENCES:

1. Fashion –From concept to consumer – Gini Stephens Frings , 6th edition, prentice Hall (1999).
2. Inside the fashion business –Bennett, Coleman & o ,Mumbai(1998).

14CDU35

FASHION DRAPING PRACTICAL

SEM-VI

OBJECTIVES: This paper is designed to develop the draping skill of the students.

1. Draping of Basic Foundation Patterns
 - Blocks and Slopers
 - Basic Bodies
 - Basic Skirt
 - Basic Shift (Torso) and Empire Designs
 - Basic Sleeve
2. Design Variations
 - Bodice Variations
 - Dartless Shapers: Shirt and Kimono Designs
 - Princess Shapers
 - Skirts
 - Pants
 - Raglan Sleeve
 - Collars

TOTAL: 48 HRS



Since - 1947

OBJECTIVE:

- To develop skills associated with fashion Photography techniques
 - To analyze facial and body proportions and produce photogenic images of a subject and apply the same to original design
1. Photograph Male / Female
 2. Photograph a model, next to a window
 3. Photograph a finished design from 360° angle (4 angles) at eye-level
 4. Photograph a finished design from top angle, low angle
 5. Photograph a model – posing (multiple shots)
 6. Photograph a group in action
 7. Do studio lighting – single light, multiple lights to bring out texture, design aesthetics
 8. Do portraits that flatter & character photograph
 9. Do portraits of full body images and specific areas

TOTAL: 48 HRS

Since - 1947

14CDU37

BEAUTY CARE PRACTICAL

SEM-VI

OBJECTIVE: To learn about basic beauty care things

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, Mehandi
9. Saree draping – any 3 styles
10. Training & visit one day beauty parlour

TOTAL: 48 HRS



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PORTFOLIO PRACTICAL

SEM -VI

OBJECTIVES: To prepare theme based garments

Trend Forecasts

Theme Write Up.

Mood Board – With Research Work.

Colour Palette

Customer Profile.

Fabric Sourcing – Presentation.

Design Development

Accessory Board

Illustration with Back Drops.

Flat Sketches

Spec sheet

Pattern Making And Garment Construction- 4 Garments

Fashion Photography

Designer show/ Garment exhibition (Four garments)



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PROJECT WORK

SEM –VI

OBJECTIVES: Student has to choose a topic and do detail projects work.

@ Sampling Department

@ Knitting & Weaving Department

@ Textile Wet Processing (Dyeing & Printing)

@ GMT Department

@ Sewing Department

@ Finishing Department

@ Packing Department

@ Visual Merchandising

@ Buying House

@ Export Documentations

TOTAL: 120 HRS



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EXTRA DEPARTMENTAL COURSE SEM-V
BASICS IN COSTUME DESIGN AND FASHION
(Cluster-V)

OBJECTIVE: To study the basics in costume design and fashion.

UNIT I TEXTILE FIBRES (5)

Introduction to textile fiber – Classification of fiber- Natural – Man made –Properties of fiber – Uses of the fibers - Sewing Thread – Sequence process of weaving, knitting & Processing.

UNIT II ILLUSTRATION (5)

Principles of design – Harmony, Proportion, Rhythm, Balance and Emphasis.
Fashion Illustration – Drawing Human Anatomy of a Child, Women, Men

UNIT III PATTERN MAKING AND GARMENT CONSTRUCTION (4)

Pattern Making – Method of Pattern Making – Measurement – Body Measurement for Children and Adults, garment construction .

UNIT IV EMBROIDERY (5)

Introduction to Embroidery, Types – Hand Embroidery Stitches – Running, Back, Chain, LasyDaisy, Satin.

UNIT V PRINTING AND PAINTING TECHNIQUES (5)

Colour, Printing and Painting

TEXT BOOKS

- 1 . Bernard P. Corbman, Textile Fiber to Fabric, 6th edition, Mc.Graw Hill International Editions, New York, 1983, 1996.
2. Mary Mathews Part I & II, Practical Clothing Construction, Basic Sewing Processes, Jeeve Printers, Chennai, 1985

TOTAL: 24 HRS

REFERENCE:

1. Susheela Dantyagi, Fundamentals of Textiles and their Care, Orient Longman Ltd, New Delhi, 5th edition, 1998
2. K.R.Zarapkar, System of Cutting, Navneet Publications (India) Limited, Ahmadabad, 2005 .
3. Kathryn Mc.Kelvel & Janine Munslow, Illustrating Fashion, University Press, Cambridge, 1997.
4. S.Jayaprakasam, R. Gopalakrishan, V. Kasinathan, Fiber Science and Technology, S.S.M.I.I.T staff and students Co. operative stores Ltd, Komarapalayam, June 1997