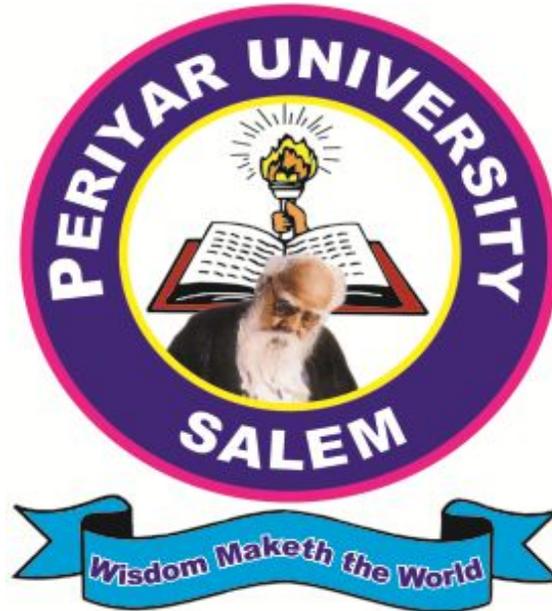


**PERIYAR UNIVERSITY  
PERIYAR PALKALAI NAGAR  
SALEM – 636 011**



**DEGREE OF BACHELOR SCIENCE  
CHOICE BASED CREDIT SYSTEM  
SYLLABUS FOR B.Sc. COSTUME DESIGN AND FASHION  
FOR THE STUDENTS ADMITTED FROM THE  
ACADEMIC YEAR 2017-2018 ONWARDS**

# **RULES AND REGULATIONS FOR THE ADMISSION OF 3 YEAR PROGRAMME IN COSTUME DESIGN AND FASHION**

## **I. CONDITION FOR ADMISSION**

Candidates seeking admission to the first year degree of Bachelor of Science in Costume Design and Fashion shall be required to have passed in any higher secondary course examination of the state board/CBSE/ICSE.

Pass in any Fashion/ Costume/Textile/Apparel related Diploma course is eligible to admit in direct second year of this UG Course.

## **II. DURATION OF THE COURSE**

The course for the degree of Bachelor Of Science Costume Design and Fashion shall extend over a period of three academic years - 6 Semesters and each semester normally consisting of 90 working days or 450 Hours.

## **III. ELIGIBILITY FOR THE DEGREE**

A candidate shall be eligible for the degree of Bachelor Of Science Costume Design And Fashion, if he/she has satisfactorily undergone the prescribed courses of the study for a period not less than 6 semesters in an institution approved by the university has passed the prescribed examinations in all the 6 Semesters.

## **IV. SUBJECT OF STUDY**

The subjects of the study for the B.Sc., Costume Design and Fashion and the syllabus for the subjects are given in the annexure.

## **V. REQUIREMENT OF EXAMINATION**

The theory examinations will be conducted for 3 Hours by the university in the subjects prescribed for all the semesters in the month of November & April every year.

The practical examinations will be conducted for 3 Hours by the university in all the subjects prescribed in the month of March & April.

## **VI. SCHEME OF THE EXAMINATION**

The scheme of examinations for the course is given in Annexure. All the practical examinations/ Project work shall be conducted & evaluated internally by the institution themselves with internal and external examiners appointed by the university.

SEM	PART	COURSE CODE	COURSE	HRS		CRE DIT	MARKS		
				L	T/P		CI A	EA	TOTAL
I	I	17UTA01	Tamil – I	4	2	5	25	75	100
	II	17UEN01	English – I	4	2	5	25	75	100
		17UCDP01	Core practical – 1-Basic garment designing practical	-	5	2	40	60	100
		17UCDP02	Core practical II- Principles of pattern making practicals	-	5	2	40	60	100
		17UCDA01	Allied I - Sewing technology	4	2	5	25	75	100
	IV	17UCDV01	Value education- Yoga	2		2	25	75	100
					30	21			
II	I	17UTA02	Tamil – II	4	2	5	25	75	100
	II	17UEN02	English –II	4	2	5	25	75	100
	III	17UCD01	Core I - Fibre To Yarn	4	1	5	25	75	100
		17UCDP03	Core Practical III-Fibre To Yarn Practicals		3	2	40	60	100
		17UCDAP01	Allied Practical I-Fashion Draping Practicals		3	2	40	60	100
		17UCDAP02	Allied practical II-Basic Illustration Practicals		6	3	40	60	100
	IV	17UES01	Environmental Studies	1		1	25	75	100
				30	23				
III	III	17UCD02	Core II -Fabric Manufacturing	4	1	5	25	75	100
		17UCDA02	Allied II - Fashion Designing	4	1	4	25	75	100
		17UCD03	Core III - Care & Maintenance Of Textiles	4	1	4	25	75	100
		17UCDP04	Core Practical IV – Fabric Design Analysis Practicals		3	2	40	60	100
		17UCDAP03	Allied Practical III-Fashion Designing Practicals		3	2	40	60	100
		17UCDP05	Core Practical V - Children’s Apparel Practicals		5	3	40	60	100
	IV	17UCDNM01	NMEC I-Basic Textiles	3	1	3	25	75	100
				30	23				
IV	III	17UCDA03	Allied III - Historic Costumes & Textiles	3	1	4	25	75	100
		17UCD04	Core IV - Dynamics Of Fashion	3	1	4	25	75	100

		17UCD05	Core V - Textile Processing	4	1	4	25	75	100
		17UCDP06	Core Practical VI - Womens Apparel Practicals		6	3	40	60	100
		17UCDP07	Core Practical VII - Textile Processing Practicals		3	2	40	60	100
	IV	17UCDSP01	SBEC-I - Surface Embellishment Practicals		4	2	40	60	100
		17UCDNM02	NMEC II - Basic designing	3	1	4	25	75	100
					30	23			
V	III	17UCD06	Core VI -Computer In Garment Industry	3	1	4	25	75	100
		17UCD07	Core VII - Textile Finishing	4	1	5	25	75	100
		17UCD08	Core VIII - Dyeing And Printing	3		3	25	75	100
		17UCDP08	Core Practical VIII - Computer Aided Designing Practicals		5	3	40	60	100
		17UCDP09	Core Practical IX - Textile Printing Practicals		3	2	40	60	100
		17UCDP10	Core Practical X - Men's Apparel Practicals		5	3	40	60	100
	IV	17UCDM01	MBEC I - Garment Quality & Cost Control	4	1	5	25	75	100
					30	25			
VI	III	17UCDM02	MBEC II – Boutique Management	4	1	5	25	75	100
		17UCD09	Core IX - Organization Of Garment Unit	4	1	5	25	75	100
		17UCDP11	Core Practical XI - Fashion Accessories & Ornaments Practicals		4	2	40	60	100
	IV	17UCDM03	MBEC- III - Fashion Merchandising	3	1	4	25	75	100
		17UCDSP02	SBEC II - Portfolio Presentation Practicals		3	3	40	60	100
		17UCDSP03	SBEC - III Beauty Care Practicals		4	3	40	60	100
	V	17UCDPR01	Project Viva Voice		4	2	40	60	100
			17UEX01	Extension Activities		1	1		
					30	25			
					180	140			

SBEC- Skill Based Elective Courses

NMEC – Non Major Elective Courses

MBEC – Major Based Elective Courses

## VII. PASSING RULES

- **Theory Subjects**

75% of the marks for external evaluation and 25% marks are allotted for internal evaluation.

Candidate is demand to have passed to a subject, if he/she get a minimum of 40% of total marks in theory subjects with internal mark of 10 marks and external marks of 30 marks.

- **Practical/Project**

60% of the marks for external evaluation and 40% marks are allotted for internal evaluation.

For practical subjects, the candidate should get minimum marks of 24 marks in external evaluation out of 60 and 16 marks in internal evaluation out of 40.

For project work and viva voce a candidate should get minimum of 40 marks out of 100.

## QUESTION PAPER PATTERN

a. **THEORY:**

Time: 3Hours

Total Marks: 75 Marks

### QUESTION PAPER PATTERN

Unit	Section-A	Section-B	Section-C
I	Q. 1, 2	Q. 11a, 11b,	Q. 16
II	Q. 3, 4	Q. 12a, 12b	Q.17
III	Q. 5, 6	Q.13a, 13b	Q.18
IV	Q. 7, 8	Q.14a, 14b	Q.19
V	Q. 9, 10	Q.15a, 15b	Q.20

### SECTION A (10 X2 = 20)

ANSWER ALL THE QUESTIONS

### SECTION B (5 X5 = 25)

Either or Choice

ANSWER ALL THE QUESTIONS

### SECTION C (3 X10 = 30)

ANSWER ANY THREE QUESTIONS OUT OF FIVE

## INTERNAL ASSESSMENT

	MARKS	
TEST :	15	
ASSIGNMENT :	5	
ATTENDANCE :	5	
	25	
PASSING MINIMUM (IA) 40%		- 10 MARKS
PASSING MINIMUM (UE) 40%		- 30 MARKS
PASSING MINIMUM TOTAL		- 40 MARKS

**b. PRACTICAL:**

Time: 3Hours

Total Marks: 60 Marks

**SECTION A (1 X20= 20)**

Either or Choice

ANSWER ANY ONE

**SECTION B (1 X40 = 40)**

Either or Choice

ANSWER ANY ONE

**INTERNAL MARKS:**

RECORD:	25
SAMPLES:	10
ATTENDANCE :	05
TOTAL:	40

PASSING MINIMUM (IA) 40%		- 16 MARKS
PASSING MINIMUM (UE) 60%		- 24 MARKS
PASSING MINIMUM TOTAL		- 40 MARKS

**B.Sc. COSTUME DESIGN AND FASHION**  
**CHOICE BASED CREDIT SYSTEM**  
**(for the students admitted from the year 2017-2018 onwards)**

**SEMESTER -I**

**Core practical -I**  
**BASIC GARMENT DESIGNING - PRACTICAL**

1. Preparation of Samples for Seams and Seam Finishes.
2. Preparation of Samples for Hems.
3. Preparation of Samples for Fullness. (Darts, Tucks, Pleats, Gathers, Flares, Ruffles, Godets and Gathers)
4. Preparation of Samples for Facing and binding. (Any 3)
5. Preparation of Samples for Plackets and fasteners. (Any 4)
6. Preparation of Samples for different Sleeves. (Any 3)
7. Preparation of Samples for different Collars. (Any 3)
8. Preparation of Samples for different Yokes. (Any 3)
9. Preparation of Samples for different pockets (Any 3)

**REFERENCES:**

Thomas Anna Jacob, "The art of sewing", USB publishers New Delhi 1994.  
Readers Digest sewing book. Verma G., cutting & tailoring theory", Asian publishers Delhi, 1999.  
Armstrong J.H. "Pattern making for fashion design" Pearson Education. 2001  
Practical Clothing Construction – Part I and II, Mary Mathews, Cosmic Press, Chennai (1986)  
Deni Bown "The Complete Book of Sewing" Dorling Kindersley Limited, London (1986)

**SEMESTER -I**

**Core practical -II**

**PRINCIPLES OF PATTERN MAKING PRACTICALS**

- I. Drafting the Patterns for the following
  - a) Sleeve
    1. Plain
    2. Puff sleeve at top and bottom
    3. Bell sleeve
  - b) Collar
    1. Shirt
    2. Peter pan
    3. Stand
  - c) Yoke

1. Simple
  2. Partial
- II. Designing and Drafting basic apparel for
- a) Children
    - Bib, Panty, Jabla
    - Summer Frock
    - Angel Top
    - A-line Frock
    - Sun Suit
  - b) Women
    - Saree Petticoat
    - Middi and Middi top
    - Blouse
    - Nighty
    - Salwar Kameez
  - c) Men
    - Full Sleeve Shirt
    - Pleated Trouser
    - S.B.Vest
    - Nehru Kurtha
    - Night Dress

## **SEMESTER –I**

### **Allied I -SEWING TECHNOLOGY**

#### Unit – I

Introduction to sewing, History of sewing machines, Sewing Machine – parts and functions of single needle machine, Tools for measuring, marking, cutting & pressing. Selection of thread and needle for various types of fabric.

#### Unit – II

Classification of sewing machines -Single Needle Lock stitch Industrial model, Over Lock Machine, Zig Zag Multi Purpose Machine, Double Needle Machine, Bar Tack Machine, button hole making machine, button fixing machine, blind stitching machine, fabric examining machine. Machine attachments - care and maintenance of sewing machines.

#### Unit – III

Basic sewing machines and associated work aids, simple automobiles. The use of components & trims – Labels and motifs, lining, Interlining, wadding, lace, braids & elastics, Hooks and loop fastening, Seam binding and tape, Shoulder pad, Eyelets & laces, Zip fastener, Buttons, Tack buttons, Snap fasteners and Rivets, Performance properties of components and trims. Sewing machines attachments – ( Hemmers, Ruffler, Binder, Tucker, cloth guide, zipper foot, gathering foot, feed cover plate, circular attachment). Common problem & remedies

#### Unit – IV

Fusing – Definition, advantages of using fusible interlinings, requirement of fusing, Fusing process. The means of fusing, Fusing equipments, Methods of fusing quality control in fusing. Alternative of fusible interlining. Pressing: the purpose of pressing, categories of pressing, means of pressing, pressing equipments and methods, pleating, permanent press. State of pressing.

#### Unit – V

Stitching mechanism – needles, bobbin and bobbin case, bobbin winding, upper and cover threading, auxiliary hooks, throat plates, take –ups tension disc.

Feeding mechanism – drop feed, different fed, needle feed, compound feed, puller feed

#### Reference:

- 1.The Technology of Clothing manufacture, Harold Carr and Barbara Catham, Blackwell Science (1994)
- 2.Goswami, B.C. “ Textile Yarns”, Technology, Structure and applications”, Mc graw Hill.
- 2.Chris Jefferys (2004), 101 Essential Tip- Basic Sewing, D.K. Publishing
- 4.Besty Hosegood (2006), The complete book of sewing, Dorling Kindersley Ltd., London.
- 5.Thomas Anna Jacob, “The art of sewing:, USB publishers New Delhi, 1994.
- 6.Readers Digest Sewing book.

## **SEMESTER –II** **Core I- FIBRE TO YARN**

#### Unit – I

Introduction to textile fibres – definition, classification of fibres Classification of fibres – Physical and Chemical properties of fibre and their end uses – Cotton, Wool, silk, Viscose Rayon, Nylon, Polyester, Objectives and process sequence – Blending- Mixing – Opening and cleaning – Carding – Doubling – Combing – Drawing – Roving – Spinning – Winding.

#### Unit - II

Manufacturing process – Polyester, viscose rayon, nylon, acrylic, spandex - Blends and mixtures manufacturing process physical and chemical properties and end uses of natural fibres – cotton, linen, wool & silk and jute.

#### Unit –III

Introduction to ginning –objectives – types & working principle of knife roller gin, blow room process – objectives of mixing and objects of blow room, working principles of axi-flow cleaner, kirschner beater, lap forming unit ( scutcher )- cleaning efficiency.

#### Unit –IV

Sequence of spinning process –carding, draw frame and comber – objectives and working principles of simplex and spinning ( Ring Frame )

#### Unit – V

Yarn – definition, classification, simple, fancy threads and sewing threads manufacturing process, yarn twist – classification of twist, yarn count. Identification of yarn count. Simple Yarn – Cable, Ply and double Fancy yarn – Slub, flake, Spiral, knot or spot yarn – Count and twist – Optimum twist

Reference:

1. Corbman B.P Fibre to Fabric, International Students Edition Mc Graw Hill Book Co- Singapore, 2000
2. J.L. Smith, Textile processing, Abhishek Publications, Chandigarh, 2003.
3. Gokarneshan U, Fabric Structure and Design, New age International Publishers 2004.
4. Kate Wells, Fabric Dyeing and Printing, Conran Octopus 2000.

## **SEMESTER -II**

### **CORE PRACTICAL III- FIBRE TO YARN PRATICALS**

#### Fibre Testing :

- I. Identification of textile fibres by
  - a. Microscopical Test
  - b. Solubility Test
  - c. Burning Test
- II. Yarn Testing:
  - a. Analysis of blend ratio of yarn
  - b. Determination of
    1. Yarn count
    2. Yarn Twist
    3. Lea Strength
    4. CSP calculation
    5. Fabric Count

## **SEMESTER -II**

### **Allied practical I - FASHION DRAPING PRACTICALS**

- I. Prepare the following samples using the Draping Method
  - Basic bodice - Front and Back
  - Dart Manipulation
  - Pleats, Darts, Tucks and Gathers
- II. Neckline variations
  - Boat neck
  - Drawstring
  - Cowl

- Key hole
- Halter
- III. Armhole variations
  - Square
  - Round
  - V Shape
- IV . Waistline variations

V. Skirts-

- Flared skirt
- Gore skirt
- Pleated skirt
- Hip yoke skirt
- Umbrella skirt

VI. Collars -

- Shirt Collar
- Stand Collar
- Peter Pan collar
- Shawl collar cut in one piece with front waist
- Tie tying techniques – 5 methods

VII .Sleeves -

- Basic sleeve
- Puff sleeve
- Bell Sleeve
- Leg – o – Mutton
- Petal sleeve
- Raglan sleeve
- Kimono sleeve

VIII . Design the following garment by draping Techniques

- Create any one of garment for a girl child – street wear
- Create any one of garment for a boy child – casual wear
- Create any one of garment for a teenage girl – party wear
- Create any one of garment for a teenage boy – formal wear

**Reference Books:**

1. Draping for fashion design: Nurie Relis/ Hilde Jaffe, Reston publishing co.
2. Designs cutting and draping for special occasion clothes : for evening wear and party Wear, Drawn Cloak, Chryssalis

**SEMESTER -II**

**Allied practical II**

**BASIC ILLUSTRATION PRACTICALS**

Prepare sketches for the following

1. Different types of collar, Sleeve, Neck line, skirts.
2. Different types of ladies tops, Shirt, Pant (Full and half), Chudidhar
3. Different types of Accessories – bags, footwear, hats etc
4. Different types of Ornaments
5. Facial features – Eyes, nose, lips, ears
6. Face, hands, legs – Different positions
7. Lay figure - 7 1/2 head
8. Fashion figure - 8, 10, 12 head.

References:

1. Advanced Fashion Sketch Book, Bina Abling, OM Book Service, India (2007)
2. Basic fashion design Styling .
3. Sapna Sarkas “Fashion and sketch book” .
4. Harold Carr “Fashion design and product development”
5. Fashion Design illustration Children Ireland
6. Verekes “Fashion designers hand book for adobe illustration Centers” .
7. Anmol Roy “Fashion designing and technologies”
8. Fashion Illustration Flat drawing.
9. Pratap Mulick “Sketching”
10. Tatham Seamas, “fashion design drawing course”

## **SEMESTER –III**

### **Core II - FABRIC MANUFACTURING**

#### Unit –I

Introduction to weaving–Brief study on sequence of weaving preparatory process. Warp winding – objectives – Warping sizing. Weft winding – objectives – Pirn winding machine

#### Unit – II

Looms- classification of looms, basic loom mechanism, primary secondary and auxiliary. Elements of woven design – Design, draft and peg plan. Types of drafting. Weaving– classification and characteristic features of woven structure. Plain, Twill, satin & sateen.

#### Unit – III

Honey comb, Huck-a- back, mock leno. Extra Warp, extra weft, double cloth, crepe pile fabrics, characteristic features and end uses.

#### Unit – IV

Knitting – definition, history. Characteristics of knitted goods, principles of knitting. Basic knitting elements. Classification of knitted fabrics. Knitted loop structure – circular knitting machine, parts & function

#### Unit – V

Weft knitting – Single Jersey, Purl Interlock Knit. Warp Knitting – Tricot, Raschel, Simple, CAM system to develop a knit design. Care & maintenance of knitted material. Identification of knitted fabric defects

**References:**

1. Gokerneshan. N (2009) weaving preparation Technology, Abishek Publication, Chandigarh
2. Murphy.W.S (2001) Handbook of weaving . Abhishek Publications, Chandigarh
3. Fabric Science 5<sup>th</sup> Edition, Joseph J Pretal, Fairchild Publication. New York 1990.
4. David Speneer, “ Knitting Technology”, Pergamen Press, Oxford 1982
5. DB.Ajgonkar, “Principles of Knitting”, Universal Publishing Corporation, 1998. “Warp Knit Machine Elements”, Wilkens 1997.

**SEMESTER -III****Allied II- 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, fashion director, fashion editor, line, knock-off avant garde, bridge, buying house, apparel, fashion merchandising, pret – a – porter.

**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, selection and application of trimmings and decorations. Principles of design- balance – formal and informal, rhythm- through repetition, radiation and gradation, emphasis, harmony and proportion. Application of principles of design 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**

Designing 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**

Wardrobe planning for different age groups, factors influencing wardrobe selection, Fashion and season, Designing dresses for different occasions business meetings, parties/ dinners, evenings/leisure hours, marriage functions, sports, uniforms for civil service, airhostess, hoteliers, schools – girls and boys.

**Reference:**

- 1 .Fashion – From Concept to Consumer – Gini Stephens Frings, 6 th edition, Prentice Hall (1999).
- 2 . Inside the Fashion Business – Bennett, Coleman & Co, Mumbai (1998)
3. Art and Fashion in Clothing Selection – Harriet T, Mc Jimsey, The Iowa state University Press, Ames, Iowa (1973)

### **SEMESTER -III**

#### **Core III- CARE AND MAINTENANCE OF TEXTILES**

##### **UNIT-I**

Water- hard and soft water, methods of softening water. Zeolite or base exchange determination of 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, Difference between soap & detergents.

##### **UNIT-II**

Stiffening Agents – Starch (cold water and hot water) , Other stiffening agents, preparation of starch. Bleaching agents-Types of Bleaching agents-oxidising and reducing agents,grease removers-grease solvents-grease absorbents, bran-french chalk. 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**

Principles of washing – suction washing, washing by kneading and squeezing , washing by machine - Process details and machine details. Laundering of different fabrics – cotton and linen, woolens, coloured fabrics, silks, rayon and nylon. Special types of Laundry – water proff coats, silk ties, leather goods, furs, plastics, lace. Dry cleaning – using absorbents , using grease solvents. Drycleaning-definition and its types.

##### **UNIT-V**

Stain removal – food stains, lead pencil, lipstick, mildew, nose drops, paint ,perfume, perspiration / mildew, tar, turmeric and kum- kum, general rules & ways of stain removal. Care labels – washing, bleaching, Drying, ironing and different placements of label in garments.

##### **References;**

- 1.Textiles fabrics and their Selection – Wingate I B, Allied publishers Ltd, Chennai.
- 2.Fundamentals of Textiles and their Care- Susheela Dantyagi , Orient Longmann Ltd (1980).
- 3.Family Clothing – Tate of Glession , John Wiley & Sons I n c, Illinois.
- 4.Household Textiles and Laundry Work – Durga Duelkar , Amla Ram & Sons, Delhi

### **SEMESTER -III**

#### **Core practical IV - FABRIC DESIGN ANALYSIS PRACTICALS**

Analysis of following fabrics for Design, Draft, Peg Plan, and Ends per inch and Picks per inch, Yarn count, Yarn crimp, Cover factor & Weight per square yard of fabrics.

1. Plain weave and its derivatives
2. Twill weaves – 2/1, 3/1.
3. Satin / Sateen
4. Honey comb
5. Huck – a – back
6. Crepe weaves
7. Extra Warp
8. Extra Weft
9. Fancy weave
10. Single Jersey knit
11. Interlock knit
12. Rib

### **SEMESTER -III**

#### **Allied practicals – III FASHION DESIGNING PRACTICALS**

1. Prepare the following Charts
  - Prang colour chart
  - Value Chart
  - Intensity Chart
2. Illustrate garment designs for the Elements of Design
  - Line
  - Colour
  - Texture
  - Shape or form
  - Size
3. Illustrate garment designs for the Principles of Design
  - Balance in dress
  - Harmony in dress
  - Emphasis in dress
  - Proportion in dress
  - Rhythm in dress
4. Illustrate the colour harmony in dress design
  - Monochromatic colour harmony
  - Analogous colour harmony
  - Complimentary colour harmony
  - Double complementary colour harmony
  - Split complementary colour harmony
  - Triad colour harmony
5. Application of colour and principles of design in dress
  - Harmony through colour
  - Emphasis through colour
  - Proportion through colour
  - Rhythm through colour

- Balance through colour

6. 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.

Reference:

1. Advanced Fashion Sketch Book, Bina Abling, OM Book Service, India (2007)
2. Strategies for Women – Judith Rasband, Delmar publishers London Fundamentals of
3. Textiles and their Care- Susheela Dantiyagi, 5 th edition,. Orient Longman Ltd New Delhi
4. Inside the Fashion Business- Heannette A Jarnow et-al, macimilan Publishing Company, New York.
5. Art and Fashion in Clothing Selection – Mc Jimsey and Harriet, Iowa State University Press, Iowa.

### **SEMESTER -III**

#### **Core practical V - CHILDREN'S APPAREL - PRACTICALS**

Design, Draft and construct the following children's garments.

1. Bib – Give some variation in outline shape or surface design
2. Panty – Plain and variation in shapes.
3. Jabla – With sleeve and opening
4. Knickers - with elastic opening
5. Baba suit /Romper – knickers with chest piece attached
6. A line frock– double pointed dart, facings at neckline and armhole and strap attach in hip.
7. Summer frock – without sleeve and collars, suspenders tied at shoulder
8. Yoke frock – with yoke, with sleeve, Gathered, flared, with collars
9. Boy's shirt – shirt collar, pocket
10. Boy's short – fly open with buttons, side pocket, pleats and dart.

#### **REFERENCES**

1. Practical clothing construction – Part I and II, Mary Mathews, cosmic Press, Chennai (1986).
2. Zarpkar system of cutting – Zarpkar K.R. Navneet Publications Ltd. (2008)
3. Practical cutting and Tailoring part II EshwasriAnwahi, Lakhraj Hans R.B Publications, Delhi.(2014)

### **SEMESTER -III**

#### **NMEC-I - BASIC TEXTILES**

##### **Unit – I**

Introduction to the field of Textiles – classification of fibres – natural and chemical – primary and secondary characteristics of textile fibres.

## **Unit II**

Manufacturing process, properties and uses of natural fibres – cotton, linen, jute, pineapple, hemp, silk, wool, hair fibres, Man-made fibres – viscose rayon, acetate rayon- nylon, polyester, and acrylic.

## **Unit III**

Spinning – definition, classification – chemical and mechanical spinning – blending, opening, cleaning, doubling, carding, combing, drawing, roving, spinning-Yarn classification – definition classification – simple fancy yarns, sewing threads and its properties .

## **Unit IV**

Woven – basic weaves- plain twill, satin, fancy weaves – pile, double cloth, leno, swivel, tappet, dobby and jacquard, weaving technology- process sequence –machinery details.

## **Unit V**

Non- woven- felting, fusing, bonding, lamination, netting, braiding and calico, tatting and crocheting

## **REFERENCES:**

Textiles – Fiber to Fabric, Corbmann B.P. International student's edition, McGraw Hill book Co, Singapore 1985.

Sewing and knitting – A Reader's Digest Step- by- step guide, Readers Digest, New York 1993.

Fabric Science 5th Edition, Joseph J pretal, Fairchild publication's New York 1990

Technology of dyeing and printing – V.A Shenai, Savakpublication, Mumbai.

## **SEMESTER -IV**

### **Allied III - HISTORIC COSTUMES AND TEXTILES**

#### **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, himrus 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, Tripura ,Nagaland, W.Bengal, Sikkim

#### **UNIT-III**

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

#### **UNIT-IV**

Indian Jewellery – jewellerys 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

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.

#### Reference;

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

### **SEMESTER -IV**

#### **CORE IV- DYNAMICS OF FASHION**

##### **UNIT - I**

Origin of Fashion – Importance of fashion - Development of fashion, Components of fashion -, Design Details, Texture ,Color and Silhouette . Types of silhouette – Natural Body, Slim line, Wedge , Hour Glass , Extreme Volume Silhouette.

##### **UNIT - II**

Fashion Focus – The designers Role , The Manufacturers Role, The Retailers Role . Scope of Fashion Business – Primary Level, The Secondary Level , The retail level and the Auxiliary level. Study about International Designers – Fashion related cycle and theories.

##### **UNIT - III**

The Movement of Fashion - Factors influencing fashion movement -Accelerating factors, Retarding factors, and Recurring fashions. Predicting the movement of fashion.

##### **UNIT – IV**

Types of designers – High fashion Designer, Stylist, and Freelance Designer. Sources of design inspiration.

Indian fashion Designers- Manish Malhotra, Ritu kumar, Ritu berri, Tarun Tahilani, Wendell Rodricks, Abu Jani and Sandeep Khosla, JJ Valaya, Rina Dhaka, Manish Arora, and Rohit Bal.

##### **UNIT – V**

Study of International Fashion centers – France, Italy, England , Germany, Canada , New York . Study of International Fashion Brands – Women’s Wear, Men’s Wear, Kids Wear,

Sports Wear, Cosmetics and Accessories.

**TEXT BOOKS:**

1. *Elaine Stone*. 2001. **The Dynamics of Fashion**. Fair child publications, New York.
2. *Gini Stephan Friengs* . 1999. **Fashion from concept to consumer**. [Sixth Edition]. Prentice Hall.

**REFERENCE BOOKS:**

1. *Ellen Diamond*. 2007. **Fashion Retailing**. Pearson Education. INC and Dorling Kinderley Publishing, Delhi.
2. *Kitty G, Dickerson*. 2005. **inside the fashion Business**. Pearson Education. INC and Dorling Kinderley Publishing, D

**SEMESTER -IV**

**CORE V - TEXTILE PROCESSING**

**UNIT-I**

Introduction to textile processing-process sequence-impurities present in grey fabric. Desizing-objects & types-acid, Enzyme desizing. Scouring-objects & types-open scouring, kier boiling.

**UNIT-II**

Bleaching- objects & types, chemicals used-hypochlorite, hydrogenperoxide bleaching. Scouring and bleaching of wool, silk, nylon & polyester.Mercerization- objects & types-chain, chainless mercerizing.

**UNIT-III**

Dyeing-objects, parameters of dyeing,classification of dyestuff according to their chemical structure and specific application. Dyeing of cotton with direct, reactive, vat, sulphur and azoic dyes, polyester with disperse dyes, silk with acid and basic dyes and natural dyes.

**UNIT-IV**

Concept of Dyeing machines – fiber, yarn and fabric dyeing machines – working principles of cheese- hank package – winch – HT Beam, jet – padding mangles-soft flow. Wet processing of Knitted fabric – scouring – Bleaching- dyeing – printing- calendaring-Shrink controlling - steaming. Wet processing of fiber blends.

**UNIT-V**

Colour fastness to washing-light,rubbing and perspiration.computer colour matching- Briefly study of Eco-friendly chemical processing.Effluent treatment-methods-colour removal-bio degradation.ETP plant.

**References:**

1. Shenai V.A.” Technology of textile processing” Vol. III, V,VII Sevale publications, Bombay 1981.
- 2.Bleaching and Mecerization-E.R.Trotman,Charles griffin co, London 1993.
- 3.Textile printing-Dr.V.A.Shennai,sevak publication Mumbai 1991.

4. Textile Finishing-Dr.V.A.Shennai,sevak publication Mumbai 1991.
5. Manivasakam.N. Treatment of Textiles Processing, Effluents, Sakthi Publications, Coimbatore, 1995.

## **SEMESTER –IV**

### **CORE PRACTICAL VI - WOMEN'S APPAREL - PRACTICAL**

Design, Draft and construct the following garments.

1. Middy – Variation in panel, bottom round
2. Middy Top – Front open, single dart, with or without collar and variation in sleeves.
3. Night dress - With or without yoke, variation in Sleeves, attaching trimmings.
4. Maxi – Variation in neck with or without sleeve and attaching trimmings.
5. Salwar - Gathered waist with tape or elastic, bottom design variation.
6. Kameez - Fashioned neck, variation in sleeve.
7. Ladies pant - Variations in bottom zip attached, patch pocket.
8. Ladies shirt - Half open collar attached, half or full sleeve.

### **REFERENCES**

- 1.Easy cutting - Juvekar,, Commercial Tailors Corporation Pvt. Ltd, 166 Dr.Ambedkar Road, Delhi.
- 2.Zarapkarsystem of cutting – K.P. Zarapkar, Navneet Publications Ltd.
3. Practical clothing construction – Part I and II, Mary Mathews, cosmic Press, Chennai.

## **SEMESTER -IV**

### **Core practical VII- TEXTILE PROCESSING-PRACTICALS**

Preparation of samples for Processing

1. Desizing (acid &enzyme)
2. Scouring
3. Bleaching
4. Mercerizing

Dye the given fabric using suitable dye

1. Direct Dye
- 2.Reactive Dyes(Hot &Cold brand)
3. Sulphur Dyes
4. Vat Dyes
5. Disperse Dyes
- 6.Acid Dyes
7. Basic Dyes
- 8.Vegetable Dyes (any one)

**References:**

1. Shenai, V.A., Technology of Textiles Processing, Chemistry of Dyes and Principles of Dyeing, A Sevak Publication, Bombay, 2002
2. Manivasakam.N. Treatment of Textiles Processing, Effluents, Sakthi publications,Coimbatore, 1995.
3. Gulrajani,M.L., Deepti Gupta, Natural Dyes and their Application to Textiles, Indian Institute of Technology, New Delhi, 1992.
4. Shenai, V.A., History of Textiles Design, sevak Publications, Mumbai, 1995.

**SEMESTER -IV****SBEC I - SURFACE EMBELLISHMENT PRACTICALS**

A. Prepare samples for the following

1. Hand embroidery – 20 stitches -10 samples
2. Machine embroidery -7stitches -3 samples.
3. Applique ( machine / hand )- 3 types
4. Smocking -3types
5. Laces – 6 types
6. Bead Work -1 sample
7. sequins work -1 sample
8. Zardosi work -1 sample
9. Belts – any 2 types.
10. Bows –any 2 types
11. Tassels and fringes -2-3 samples.
12. Mirror work –Shapes (Round, square, diamond) 3 samples
13. Fixing the stones-1 sample.

**REFERENCES:**

1. Encyclopedia of Embroidery Stitches Including Crewel – Dover Publications –1974
2. Computerized Encyclopedia of Needle Work – Therese De Dillmont – 3rd Edition.
3. Decorative Painting Techniques Book – Val Holmes – 2003
4. Traditional Indian Motifs for Weaving and Printing .
5. 5000 Designs and Motifs from India – Ajit Mookerjee – 1996
6. Barudan / Tazima / ZSK Embroidery Machines Catalogue

**SEMESTER -IV****NMEC II- BASIC DESIGNING****UNIT - I**

Types of Design - Structural and Decorative design, Requirements Of Structural And Decorative Design, Elements of Design - Line, Size, Shape, Color and Texture.

## **UNIT - II**

Principles of Design - Balance, Emphasis, Proportion, Rhythm, Harmony and its types. Application of principles of design in dress design.

## **UNIT - III**

Color- Definition, Color theory - Prang color system, Dimension of color- Hue, Value and Intensity. Color schemes in Prang color System.

## **UNIT - IV**

Figure Irregularities - Stout figure, Thin figure, Broad shoulders, Narrow Shoulders, Faces – Round, Large, and Small face.

## **UNIT - V**

Wardrobe Planning – Factors to be considered while selecting clothes for different age group – Men, Women and Children.

### **TEXT BOOK:**

1. *Sumathi, G.J .2002. Elements of Fashion and Apparel Design.* Newage International (P) Ltd Publishers.

### **REFERENCE BOOK:**

1. *Harriet Mc jimsey. 1973. Art and Fashion in Clothing Selection.* [Second Edition]. Iowa State University Press, Ames.

## **SEMESTER -V**

### **CORE VI- COMPUTER IN GARMENT INDUSTRY**

#### **UNIT-1**

Introduction to computers –Organization of Computers –Input Unit, Output Unit, Central Processing Unit ,Memory Devices, Working Principles of Printer-Scanner, Digitizer and Plotter.

#### **UNIT -2**

Computer Application in Textile Designing- Weaving- Softwares used – Types of woven Design-Dobby and Jacquard- Techniques Used. Knitting -Softwares used – Types of knitting. Printing – Creation of Printed Design – Simulation Technique.

#### **UNIT-3**

Computer Application in Fashion Designing-Design Creation- Theme Rendering- 3D Modeling- Body Scanning-Texture Mapping-Design Studio-Fashion Studio- Fashion Multimedia Concepts.

#### **UNIT-4**

Computer Application in Pattern Making- Process involved in Pattern Making Grading- Marker Planning-Laying-Cutting- Labelling-Duplicating. Computerized Sewing Machine.

## **UNIT-5**

Computer Aided Manufacturing – Concepts of Computer Integrated Manufacturing – Definition and Functions of CAD, CAM, CIM, CAA, PDC . Computerized Embroidery Machines. Computerized color Matching System. Brief study of Designing Soft wares used in textile industry.

### **Reference**

1. CAD/CAM computer aided design and manufacture, Groover MP and E.W.Zinimmers, prentic hall, India 1984.
2. Computers in fashion industry, Taylor P, Heinemann publications 1990.
3. Computer aided design and manufacture, Bezant C.E, Ellis Horwood, England,1983. 4. CAD in clothing and textiles, Winfred Aldrich, Blackwel science, 1994.
5. Computer aided drafting and design –concept and application, Veinsinet DO, 1987.
6. Computer Fundamentals – P K Sinha , BPB Publications, Delhi (1992)
7. Pattern Grading for Women’s Clothes The Technology of sizing – Gerry Cooklin, Blackwell Science Ltd (1990)

## **SEMESTER -V**

### **CORE VII - TEXTILE FINISHING**

#### **UNIT - I**

Finishing - Introduction – Objects of finishing, Importance of finishing, Classification of finishes, Advantages of finishing.

#### **UNIT - II**

Mechanical Finishes - Beetling, Shearing, Calendaring, Tentering, Moiering, Embossing, Glazing, Napping, Chemical Weighting Of Silk, Sizing, Sanforizing, Schreinering, Wrinkle free finish.

#### **UNIT - III**

Functional Finish - Resin finish, Water Proof finish, Water Repellent finish, Antimicrobial finish, Flame Retardant finish, Soil Release finish - Process and Recipe, Types and Method of Fusing, Welding and Adhesives, Molding.

#### **UNIT - IV**

Advanced Functional Finish - Stiff finish - Process and Recipe, Softening - Silicone finish, Denim finish, Stone Wash finish, Anti - Pilling finish, Anti Mildew finish.

#### **UNIT - V**

Special Finishes On Garments – Finishing of Woven / Knitted garments – Stone less, Stone Wash effects – Mud wash, Ion wash, Chalk wash, Water resistant Breathable finish, Bio polishing, Leathery Finish, Protective Finishes –Deodorizing, Cool Finish and Thermostat finishes.

### **TEXT BOOKS:**

1. *Shenai and Saraf*. 1995. **Technology of Textile Finishing**. Sevak publications.
2. *Nallangilli and Jayaprakasam*. 2005. **Textile Finishing**. S.S.M Institute of Textile Technology.

## REFERENCE BOOK:

1. *Prayag*. 1996. **Technology of finishing**. Shree J. Printers, Pune.

## SEMESTER -V

### CORE VIII - DYEING AND PRINTING

#### UNIT - I

##### Dyeing:

Classification of dyes -- Dyeing of cotton with Reactive dyes, vat dyes and Sulphur dyes – Recipe and procedure– Dyeing of polyester with Disperse dyes – Recipe and procedure, Dyeing of Wool, Nylon, Silk with Acid and Basic dyes, Dyeing of acrylic with basic dyes – Recipe and procedure .

#### UNIT-II

Dyeing Machines, Influence of Physical and Chemical Structure of Fibres on Dyeability - Types of Dyeing Machine, continuous loose fibre dyeing machine, fibre sample dyeing machine, Conical pan loose stock dyeing machine, Tubular yarn dyeing Machine, Yarn package dyeing M/c Jet & winch dyeing - Recent developments in dyeing.

#### Unit – III

##### Printing

Comparison between dyeing and printing – styles and methods of printing, Ingredients in printing paste. Batik style on cotton with reactive dyes. Screen and Rotary screen design preparation –Table screen printing , Flat bed screen printing machine, Rotary screen printing machine Study of curing machine and Steamer

#### Unit – IV

Printing: Styles of Printing - Methods of Printing, Block, Flat, Rotary Screen, engraved Roller, Transfer, Duplex printing, Pigment Printing, Batik, Khadi - Fixation and After Treatment - Print Paste Formulation.

#### Unit – V

Natural Dyes - History, importance. Types of natural dyes-plant, animals and mineral - Madder, indigo, catechu, myrobalan, pomegranate, lac, alum. Extraction methods & application methods. Characteristics of Natural dyed fabrics. Commercially available natural dyes. Recent developments in natural dyes. Effluent treatment plant process sequence in textile Industry, Advanced methods for ETP.

#### Reference:

1. C.W Pellow, Dyes and dyeing , Abhishek Publications, 2000..
2. Sara J. Radolph and Anna I. Langford, Textile, Prentice Hall, New Jersey, 2002.
3. Z.J. Grosicki , Watson's design and Colour- Elementary Weaves and Figured Fabrics. Wood head Publishing Limited, 2004.
4. Dyeing and chemical technology of textile fibers, Charles Griffin co, London
5. Shenai. V.A Technology of Textile Sevak Publication , Processing Vol.e, 306, Shri Hanuman Technology of Bleaching Ind. Estate , Edn, 3 1981., Gousmbekar Road, Wadala, Bombay –37

## **SEMESTER -V**

### **CORE PRACTICAL VIII- COMPUTER AIDED DESIGNING PRACTICAL**

- I. Application of types of Design in garments - Structural Design, Decorative Design, Geometrical Design, Abstract Design
- II. Application of Colour Harmony in Design Garments -Monochromatic Colour harmony, Analogues Colour harmony, Single Complementary Colour harmony, Double Complementary Colour harmony, Triad Complementary Colour harmony, Tetrad Colour harmony , Neutral Colour harmony.
- III. Application of Elements of Design in garments-Line, Size, Shape, Colour.
- IV. Application of Principles of Design in garment-Balance, Rhythm, Emphasis, Harmony, Proportion
- V Design Garments for the following
  1. Party Wear- Men & Women Garments
  2. Casual Wear- Men & Women Garments
  3. Sports Wear- Men & Women Garments
- VI Create a design using Photoshop Software
  - i) Create visiting Cards invitation and certificate using Image Mixing
- VII Prepare Pattern, Grading and Marker Efficiency for the following Garments using CAD Software.
  1. Children Garment- Jabla , Boys Shirt.
  2. Women's Garment – Maxi, Salwar& Kameez
  3. Men's Garment- T-Shirt, Pleated Trouser

## **SEMESTER -V**

### **CORE PRACTICAL IX- TEXTILE PRINTING PRACTICAL**

1. Printing with fabric paints
2. Texture printing by combining any 3 different types of textures.
3. Printing of cotton using block – vegetables and wooden blocks(2samples each)
4. Printing of tie and dye and batik (2 samples each)
5. Tie and dye of cotton with direct dyes (resist print)
6. Batik print on the cotton fabrics (resist print)
7. Printing on the polyester fabrics by pigment colour
8. Printing on cotton fabric with natural colours

## **SEMESTER -V**

### **CORE PRACTICAL X - MEN'S APPAREL PRACTICAL**

Design, Draft and construct the following Men's garments.

1. Slack Shirt – with collar, Half Sleeve, Patch pocket.
2. Full sleeve shirt – shirt collar, patch pocket, full sleeve with sleeve placket and cuff.
3. S.B. Vest - With / without collar, No sleeve, Fancy button attached.
4. Pleated Trouser - Pleat in front, Darts at back, side pocket, fly with button /zip, Belt with adjustable strap.
5. House coat – with collar and full sleeve without cuff.
6. Kalidhakurtha - Kali piece, side pocket, round necks, half open.
7. Pyjama – Waist elastic and tape attached, fly.
8. Men's pant- front opening with zipper placket, side pocket variation in bottom design

### **REFERENCES**

1. Commercial system of cutting – Juvekar, commercial Tailors corporation Pvt. ltd, 166, Dr.Ambedkar Road, Dadas.
2. Practical clothing construction – part I and II, Mary Mathews, cosmic press, Chennai.
3. Zarapkar system of cutting K.,R.Zarapkar, Navneet publications Ltd.
4. Dress making - SmtThangamSubramaniam, Bombay tailoring and Embroidery College, 32 North Part Street, Ambattur, Chennai.
5. Easy Cutting Juvekar, Commercial Tailors corporation Pvt.Ltd, 166, Dr, Ambedkar road, Dadas.

## **SEMESTER -V**

### **MBEC I - GARMENT QUALITY AND COST CONTROL**

#### **Unit I**

Basics of Quality Control Definition and Scope of Quality Control – Establishing Merchandising Standards–Establishing Raw Material Quality Control specifications – Quality Control of Raw Material.

#### **Unit II**

Quality Control System Establishing Processing quality specification – Training Quality Control Personnel – The Quality Standard Control – Quality Control Inspection, Procedures for processing – Quality control of finished garments – Quality control and Government contacts –

Quality Control for Packaging, Warehousing and shipping – Statistical Quality Control, Sampling plans – industry – wide quality standards.

### **Unit III**

Basics of Production control Function of Production control – Production, Analysis – Quality Specifications – Quantitative specifications – Scope of Apparel Manufacturing Activity – Coordinating departmental Activities – Distribution of Documents and Records.

### **Unit IV**

Production Control System Type of Control forms – Basic Production Systems –Principles for Choosing a Production System – Evaluating Production Systems – Flow Process Grids and Charts – Basic Flow Process Grid Construction – Flow Process Grids for Production control

### **Unit V**

Cost Control, Function 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 Ratio Policies – the manufacturing Budget – Cash flow Control – Standard Cost Sheet, Break–Even Charts

### **REFERENCES:**

1. Patty Brown, Janett Rice, -Ready to wear apparel analysis, Prentice Hall,1998.
2. Salinger, Jacob Apparel, —Manufacturing Analysis, New York, Textile Books Futs, 2001
3. Introduction to Clothing Production Management, A.J. Chuter, Second Edition, Black Well Publishing, Second Edition, 2004.
4. Apparel Merchandising, Robin Mathew, First Edition, Book Enclave Publishing, 2008.
5. Textile Industry Development and Growth, Satish Tiwari, First Edition, Anmol Publications Pvt. Ltd., 2000.

## **SEMESTER –VI**

### **MBEC II - BOUTIQUE MANAGEMENT**

#### **Unit-I**

How to start a boutique, creating a business plan, finding a ideal location, financial planning.

#### **Unit-II**

Government norms to run a boutique, interior designing, sourcing of raw materials, and inventory planning.

#### **Unit-III**

Buyer supplier relationships, consumer relationship, tips and tricks to attract customers.

#### **UNIT-IV**

Essential technology to run a boutique and labour management and warehouse.

## **UNIT-V**

Quality control, research and development and analysis, marketing and promotion ,maintenance of boutique.

### **REFERENCE;**

1. Opening a boutique store: how to start your own boutique, Briana Stewart Bull City Publishing, 2014.
2. Fabjob guide to become a boutique owner, Tag Goulet, Debra Mikaelson, Catherine Goulet, Fabjob incorporated,2011.
3. Fashion unraveled: How to start ,run and manage an independent Fashion Label,Jennifer Lynne Mathews, 2009.

## **SEMESTER –VI**

### **CORE IX - 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**

Institutions supporting entrepreneurs- DIC, NSIC ,SISI,SIPCOT, TII,KVIC, CODISSIA, COMMERCIAL BANKS –SBI. Organizational structure of a garment unit –Hierarchical organization, production planning and control.

#### **Unit-III**

Different department in 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-IV**

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-V**

Performance of Indian Garment Export, SWOT Analysis Setting up of garment unit for export market, Export Document, Export finance- Payment method, Export shipping Role of merchandiser in a garment unit

### **REFERENCE;**

1. Principles of management- Dinakarpagare, sultan chand and sons, delhi.
2. Entrepreneurship Development in India – Dr. C.B Gupta, Dr N.P. Srinivasan, sultan Chand and sons delhi 1997.
3. Garment Exports – Darlie O Koshy (1997)
4. Introduction to clothing production management – AJ Chester 2nd Edition, Wrenbury Associates Ltd (1998).

5. The technology of clothing manufacture – Harold Carr and Barbara Latham, Blackwell Science (1994).

## **SEMESTER VI**

### **CORE PRACTICAL XI- FASHION ACCESSORIES AND ORNAMENTS PRACTICAL**

1. Hand bag – Any three types
2. Hat – Any two types
3. Bow – Decorative bow and formal bow
4. Belt – For boy and girl
5. Foot wear – Any three types
6. Jewellery designing
  - Teracotta,
  - Quilling jewellery
  - Antique jewellery,
  - Kundan Jewellery – necklace
  - earring
  - chain
  - studs
  - bangles,
  - anklets and
  - finger rings
7. Crystal jewellery, Bead jewellery, wooden jewellery
8. Purse and pouches – Any two types
9. Hair band and head bands – Any four types
10. Watches – Any two types

References:

1. “Quick style”, by- Christine Kunzerlman.
2. 1000 Ideas by fashion designers Carolina Cerime
3. 150 Beaded & motifs Kenneth D King
4. 21st Century Jewellery Mrthe Le Van
5. Accessories options : Shrugs scaxues stoles

## **SEMESTER -VI**

### **MBEC III - FASHION MERCHANDISING**

#### **Unit I**

Merchandising: Introduction, Meaning- Apparel Merchandising – Concepts of „Six Rights“ – Organisation structure of an apparel industry – Classification of Exporters - Rating or Grading of export houses – Classification of buyers – Export merchandising and retail merchandising – Company profile and its contents. Types of merchandiser - Functions of a merchandiser – Essential requisites of a good merchandiser – Vendor sourcing, evaluation and development – Global sourcing – Vendor nomination by buyers – Reasons for vendor nomination.

#### **Unit II**

Process flow in apparel industry – Buyer sourcing & communication – Enquiry – Order confirmation – order review and its importance – Planning & programming: Master planning, Scheduling or route card – Factors for route card - programming for yarn, knitting, dyeing, stitching, sampling, accessories – Samples: Meaning & importance – Types of samples – expedition of samples

### **Unit III**

Inspection and its types – Testing – Check points before cutting - Pilot run or trial run and its importance – Approvals - Types of approvals – Shipping marks – Final inspection procedures – Self, Second and Third party inspection - Effective expedition procedures.

### **Unit IV**

Order sheet and its contents – Packing list and its contents – Document formats: order sheet, packing list, invoice, inspection and testing reports etc., - Assortment and its types. Documents recording and maintenance – Claims and reasons for claims - Factory audits – Buyer's code of conducts.

### **Unit V**

Advertising- scope, importance, types, merits & demerits; sales promotion, personal selling. Retail management. Export associations – Apparel Export Promotion Council – Journals and magazines related to apparel and textiles –Trade shows and Fairs – Participation in trade shows – Advantages of trade shows and fairs - Apparel & Textile Trade shows and fairs in India.

## **REFERENCES**

1. Building Buyer Relationships, Daragho' Reilly, Jullian J. Gibbs
2. Inside the Fashion Business, Mc Millan Publishing Co.,.
3. Fashion Merchandising, Elian Stone,
4. Apparel Merchandising, An integrated Approach, Krishnakumar, M, 2010, AbishekPublications
5. Apparel Merchandising, Robin Mathew, Book Enclave Publishers, Jaipur
6. Apparel Merchandising, Jerry A & Rosenau, Fairchild Publications, London

## **SEMESTER -VI**

### **SBEC II - PORTFOLIO PRESENTATION PRACTICALS**

Portfolio development and Presentation technique

1. To be planned for any 3 Occasion - Forecasting colors, Pattern and Fabric for the ensuing seasons based on International forecast.
2. Preparation of Mood board, Story board.
3. Fabric development chart - Collections of fabric Swatches and Colors.
4. Design development chart - Preparation of various Styles for Selected fabrics
5. Selection of Accessories
6. Final Presentation
7. Number of Garments in a Collection – 1 garment

SEMESTER -VI  
**SBEC III - BEAUTY CARE PRACTICALS**

Do the following Experiments

1. Bleaching
2. Facial
3. Hair remover-threading, waxing
4. Hair style – any 3 styles
5. Hair cut – any 3 styles
6. Hair curl, Hair straightening, Hair colouring
7. Make up –Face makeup, bridal make up, party make up
8. Nail treatment – pedicure, manicure, nail art
9. Saree draping – any 3 styles
10. Visit to beauty parlour.