

Shivaji University

Kolhapur.

Revised Syllabus for
Bachelor of Dress Making and Fashion
Co – ordination.

B.D.F.C. Part- I- Sem I & II Semester Pattern

**Introduction from the academic year
2014-2015.**

(From June 2014)

Scheme of examination

Bachelor Degree In Dress Making and Fashion Co-ordination BDFC First Year (Semester I)

Sr no	Title of Paper	Duration Theory Examination in hours	Marks	Practical par week	Marks	Term work		Total
						Internal	External	
1	Communication for the self employed Professionals (Paper (I)	2	50	--	-	--	--	50
2	Sewing Technology Paper (I) .	2	50	-	-	-	-	50
3	Introduction to Textile Science Paper (I)	2	50	-	-	-	-	50
4	Apparel Designing Paper (I)	2	50	-	-	-	-	50
5	Textile Designing Paper (I)	-	--	-	-	-	-	--
6	Pattern Drafting Paper (I)	2	50	-	-	-	-	50
7	GarmentSurface Ornamentation Paper (I)	-	--	-	-	-	-	-
8	Garment Construction Paper (I)	2	--	-	-	-	-	--
9	Basic Computers Paper (I)	2	50	-	-	-	-	50

Sr no	Title of Paper	Theory Duration for exam.	Marks	Practical Hours	Marks	Term work		Total
						Internal	External	
1	Communication for the self employed Professionals (Paper (II)	2	50	--	-	--	--	50
2	Sewing Technology Paper (II) .	2	50	2	50	25	25	150
3	Introduction to Textile Science Paper (II)	2	50	2	50	25	25	150
4	Apparel Designing Paper (II)	2	50	3	50	25	25	150
5	Textile Designing Paper (II)	-	--	3	50	25	25	100
6	Pattern Drafting Paper (II)	2	50	2	50	25	25	150
7	Garment Surface Ornamentation Paper (II)	-	--	3	50	25	25	100
8	Garment Construction Paper (II)	--	--	6	50	25	25	100
9	Basic Computers Paper (II)	2	50	2	50	25	25	150
	TOTAL							1100

Scheme of examination

**Bachelor Degree In Dress Making and Fashion Co-ordination
BDFC First Year (Semester II)**

EXAMINATION PATTERN-B.D.F.C-PART I YEAR.

Sr.No	Theory Paper –(50 Marks.)	
	Marks Distribution	
	Objectives questions Fill in the blanks	05 marks Match the following True or false Answer in one sentence
	Short Notes	15 Marks (3X5=15)Any Three out of Five.
	Long Questions	30 Marks (Total Theory Marks -50) (3x10 =30) Any 3 Type of 4
	Subjective Questions	There will be 70% choice for subjective & objective questions.

SCHEME OF EXAMINATION

Total marks allotted for theory paper shall be 50 marks, for practical 50marks examinations and term work also shall be 50 marks each.

- a) Term work shall have Internal and External Assessment of 25 marks each.
- b) Practical ,Internal, External term work Assessment shall be conducted by the University appointed Experts at the end of 2 nd , 4 th ,& 6 th Semester.
- c) Project Report For BDFC III rd Year (Industrial Apprenticeship / Internship) carries 100 marks For Internal & 100 Marks For External=100 Marks.
(50 Marks for Project Writing & 50 Marks For Viva –Voce.)
- d) 1) Theory Practical Term work shall be separate head of passing

2) Term work (- Internal & External) shall be Separate passing .

Candidate will be examined in the subjects as indicated in the Table below:

STANDARD OF PASSING

To pass the examination a candidate must obtain a minimum of 40% of marks in each paper subject to the following conditions.

	Internal Marks Distribution	5-Marks
	Attendance	5-Marks
	Home Assignment	5-Marks
	Displays	10-Marks (Total Internal Marks-25)
	Practical Work	
	External Marks Distribution	
	Practical Term work	10-Marks
	Garment/ folder	10-Marks
	Viva - Voce	5-Marks (Total External Marks -25)
	Practical- (Total Marks -50)	15-Marks.
	Question- 1	15-Marks.
	Question- 2	10-Marks.
	Question -3	10-Marks.
	Question -4	10-Marks. (Total Marks -50)

COMMUNICATION FOR THE SELF EMPLOYED PROFESSIONAL

Theory–Paper (I) .

Work Load

Theory ; 3 Lectures / Week.

Total- 50 Marks.

Theory:50 Marks.

Objectives :

To train the student with the global perspective & multilingualism

Initial introduction of code switching

To equip with functional communication by using workshop method & classroom simulation.

To create core competencies in communication for career in fashion design.

SEMESTER – I

- Self diagnostic in language – second language current
- a) The minimum standards of passing in each theory paper of **50** marks Passing shall be **20** marks, for practical's of **50** marks Passing shall be **20** marks and term work of **50** marks **25** for External and **25** marks for Internal Passing shall be **10** Internal & **10** marks External.
- a) A candidate who fail in one third head of passing of BDFC sem –I & II (together) examination and have cleared I st year B.D.F.C Examination shall be allowed to keep terms for third year BDFC .
- c) A candidate who fail in one third head of passing of BDFC sem –III & IV (together)r examination shall be allowed to keep terms for second year BDFC .
- d) In case a candidate does not secure the minimum passing marks in Internal Assessment may be allowed to improve her performance in it.
- 1) Personality – development tests -role of communication Personality development – English as a
- 2) Basic of communication-Purpose- process and importance – types – channels – models tale communication –letter writing - email writing- internet based communication
- 3)Communication grammar to develop enhance and execute professional use of English .
- 4)Group Communication- inter personal communication- events- speech – Seminar presentation- conference- tenders- quotation applications.

COMMUNICATION FOR THE SELF EMPLOYED PROFESSIONAL

Theory- Paper (II) .

Work Load

Theory ; 3 Lectures / Week.

Theory Marks-50.

Total-50 Marks

SEMESTER – II

- 1) Barriers to Communication , Types How to overcomes the barriers .
- 2) Reports writing types of report essentials of report writing formal.
- 3) Professional presentations from ideas to execution .
- 4) Ethical communication cultural communication creative communication used during in fashion show , exhortation , promotion of events.

References :-.

Learn Reading – Duraodola Sharply Poland, Amole Publication Pvt. Ltd.New Delhi.

A Course in Listening & Speaking – I with C.D.

Shahikumar V. Dutt P Karimai Foundation Book Mumbai

Business Communication –Shivaji University, Kolhapur

Public Speaking –Osborn Michael Osborn Suzanne Biztantra New Delhi

Business Communication by chivalry Taylor- Pearson publications ltd.

SEWING TECHNOLOGY – Paper- I (Theory & Practical)

Work Load

Practical ; 2-Lectures / Week

Theory : 3-Lectures / Week

Practical Marks -50 Marks.

Theory : 50 Marks

Objectives:-

To enable students to:-

1. Introduce the concept of assembling of pattern by sewing.
2. Impart knowledge of sewing technology.
3. Provide the knowledge of machine used for sewing.

SEMESTER- I

Theory:

- 1) Sewing Machines – different, kinds, functions, uses, attachments, stitching on paper.
- 2) Tools for clothing construction – Cutting, measuring, marking and pinking tools.
stitches, plain and blind hemming, slip stitch, tailors tack and button hole.
- 3) Basic hand stitches – Basting, running, tacking, hand overcast, hemming
- 4) Types of Fullness –Tucks & Pleats
- 5) Types of Seam and seam finishes – Plain, flat and fell, French, turned and stitched, lapped, double top, pinked seam, over lock, hand overcast, pinked and stitched.

Practical-

- 1) Neckline finishes- facing, binding, piping.
- 2) Fullness – tucks, pleats, gathers.
- 3) Types of Seam and seam finishes – Plain, flat and fell, French, turned and stitched, lapped, double top, pinked seam, over lock, hand overcast, pinked and stitched.
- 4) Types of Yokes – yoke with and yoke without fullness

SEWING TECHNOLOGY – Paper –II (Theory & Practical)

Work Load

Practical ; 2-Lectures / Week

Theory : 3-Lectures / Week

Total 150 Marks

Theory : 50 Marks

Practical :50 Marks

Term Work :50 marks

(Internal 25 & External 25)

SEMESTER - II

Theory:

- 1) Types of Fasteners – Press buttons, hooks and eyes, shirt button and buttonhole and zip
- 2) Sewing techniques – methods of edge stitching, top stitching, shirring, athering.
lapped, double top, pinked seam, over lock, hand overcast, pinked and stitched.
- 3) Lining & Interlining .
- 4) Types of Plackets & Pockets.

Practical:

- 1). Fasteners – Press buttons, hooks and eyes, shirt button and buttonhole and zip
- 2) Collars – Flat, Peter pan, Turtleneck,
- 3) Placket – Two piece and continuous bound placket.
- 4) Sleeves – Plain, Puff, Raglan, Kimono.
- 5) Skirts – A- Line , Straight , Tight , Umbrella ,. Layered , Balloon Etc.

References :-

Dora S. etal ‘Clothing Construction and Wardrobe Planning’, New York, The Macmillan Co.
Cunningham G. (1989) ‘Singer Sewing Book’, Toronto, Hamlyn Publisher.

- 1) Mary J. K. ‘Construction’, New York, – Macmillan Publishing Co.
Reader’s Digest ‘Complete Guide to Sewing’, Pleasantville – Nu
- 2) Alpha L. and Quinlan B. ‘Clothing an introductory College Course’.
- 3) Robinson R. and Oldham’s J. ‘Fashion and Dress Making’.
- 4) Howard A.R.C. ‘Complete Dress Making in Picture’s Oxford Publisher.
- 5) Cook line G., (1994) ‘Introduction to clothing Manufacture’, UK, Blackwell Science,
- 6) Conklin G.F. (1990) ‘Fusing Technology’, UK, The Textile Institute.

GARMENT CONSTRUCTION Paper- I (Practical)

Work Load

Practical ; 6-Lectures / Week

Objectives:-

To enable students to:

- A) Learn the aspects of pattern construction.
- B) Know the concept of Garment Making.

Semester - I

- 1] Kitchen Apron. With Patch Pocket.

- 2] Baby layette – bib, bonnet, baby panty, nappy, overlapped bodice.

- 3] Sari petticoat {corded} 6 – kali/ 8 kali

- 4] A - line sleeveless frock .

- 5] Low – waisted frock with layers with variations in sleeve.

GARMENT CONSTRUCTION Paper II (Practical)

Work Load
Practical ; 6-Lectures / Week

Total 100 Marks.
Practical -50 Marks
Term Work :50 marks
Internal 25 Marks & External 25 Marks.

Semester –II

- 1] Kids night dress [pyjama suit] Top with semi Round yoke- pleats/gathers.
Patch pockets, pajama with elasticised waist band.
- 2] Umbrella Frock with Halter Neck line.
- 3] Sal war Kameez plain salwar and basic Kameez with side slits.
- 4) Sari Blouse with darts.

References :-

- 1) Alien B., 'Flat Pattern Design', USA, McGraw Hill Pub.
- 2) Win fad Aldrich, 'Metric Pattern Cutting', UK Black well Science.
- 3) Gerry Conklin, (1991), 'Introduction to clothing manufacture', UK Blackwell Science
- 4) Harold C. and Latham B.(1994), 'The Technology of Clothing Manufacture', USA, Oxford Pub.
- 5) Zarapkar (1985) ' System of Cutting' Bombay, Gala Publishers.

GARMENT SURFACE ORNAMENTATION - Paper I (Practical)

Work Load

Practical ; 3-Lectures / Week

Objectives:-

To enable students to:

1. Learn methods of surface ornamentation of fabric.
2. Impart knowledge on various embroidery stitches.
3. Gain opportunity for skill development in needle work.

Semester - I

Basic stitches in hand embroidery.

- 1) Full Back Stitch. / Half Back Stitch
- 2) Parallel Pekinese Running./ Full back Stitch Stitch.
- 3) Single Pekinese Full Back / Half Back Stitch
- 4) Full Back /Half Back Corded Stitch.
- 5) Double Herring Bone.
- 6) Single/ Double Knotted Herring Bone .
- 7) Plain Chain Stitch./ Magic/ Zigzag/ Heavy/ Open chain Stitch.
- 8) Sheaf Stitch.
- 9) Wheatear Stitch.
- 10) Single Double, Lazy Daisy Stitch
- 11) Button Hole Stitch.
- 12) Netted Button Hole Stitch.
- 13) Seeding Stitch.
- 14) Blanket Stitch.
- 15) Stem Stitch.

GARMENT SURFACE ORNAMENTATION - Paper II (Practical)

Work Load

Practical ; 3-Lectures / Week

Total 100 Marks.

Practical :50 Marks

Term Work :50 marks

(Internal 25 & External 25)

Semester – II

- 1] Overcast Stitch.
- 2) Coral Stitch.
- 3) French Knot.
- 4) Bullion Stitch.
- 5) Vertical Stain Stitch. Horizontal Satin Stitch.
- 6) Single Feather Stitch.
- 7) Cord Work with Running Stitch.
- 8) Cord Work with Zigzag chain Stitch.
- 9) Spider Stitch / Alternate Spider Stitch.
- 10) Cut work.
- 11) Patch Work.
- 12) Shadow Work.
- 13) Flat Stitch
- 14) Fish Bone Stitch
- 15) Cross Stitch on Mattie cloth.

One or two articles submission of hand or machine embroidery,

[Any one options given below]

Yoke, 1, Dupatta- 1. Table cloth – 1, Bed cover – 1,Pillow cover / Load cover/

Cushion cover-2, Handkerchief-12, Curtain –1, Kurta- 1, Short top -1, Stole-1.

Visits: Visit to machine & hand embroidery unit.

References :-

- 1) ‘Readers Digest Complete Guide to Sewing’, (1993), Pleasant Ville – NU
Gail L, Search Press Ltd.,
- 2) Barbara S.(1972), Creative Art of Embroidery’, London, Numbly Pub. Group Ltd.
- 3) Shalala N. ‘ Traditional Embroideries of India’, Mumbai, APH Publishing.

PATTERN DRAFTING –Paper I (Theory & Practical)

Practical ; 2-Lectures / Week
Theory : 3-Lectures / Week

Theory- 50 Marks.

To enable students to: Gain knowledge of basic pattern drafting
. Learn the drafting of basic block and flat pattern techniques.

Theory :-

Semester-I

1) Methods of Taking measurement –

- a) Measurements of different body parts
- b) Care while taking body measurements.
- c) Drafting of Basic Bodice block. / Metric Pattern Bodice Block
Darts, Sleeves block, Skirt block

2) Introduction to darts.

- a) Types of Darts.
- b) Dart Manipulation . Using slash & spread Method.

3) Conversion of Basic darts into production patterns

- a) Drill hole markers ,
- b) Notches .
- c) Seam allowance .
- d) Balance Mark .
- e) Grain line.

Semester – I- Practical

1] Kitchen Apron

2] Baby layette – bib, bonnet, baby panty, nappy, overlapped bodice.

3] Sari petticoat {corded} 6 – kali/ 8 kali

4] A - line sleeveless frock with patch pocket

5] Low – wasted frock with layers with variations in sleeve.

PATTERN DRAFTING –Paper II (Theory)

Work Load
Practical ; 2-Lectures / Week
Theory : 3-Lectures / Week

Total 150 Marks.
Theory :50 Marks
Practical – 50 Marks
Term Work -50 Marks.

(Internal -25 Marks & External 25)

II-Semester

1) Knowledge of standard Measurements & its use,

- a) Standard Measurements for children
- b) Standard Measurement for Girls .
- c) Standard Measurement for boys.
- d) Measurement required for different types of garments
(Upper garments & lower garment)

2) Principles of fitting .

- a) Identifying the causes of the defects in garment .
- b) Types of figure & Remedial Measures (square & slopping shoulder,
Thick & thin neck , high & low bust etc
- c) Adjustments of waist measurements in different garments with darts & Side seams .

3) Placing of pattern on the fabric .

- a) Different types of folds .
- b) Pattern layout on fabric .

Semester –II- Practical

- 1] Kids night dress [pajama suit] Top with semi Round yoke- pleats/gathers.
Patch pockets, pajama with elasticised waist band.
- 2] Umbrella Frock with Halter Neck line.
- 3] Sal war Khameez plain salwar and basic Khameez with side slits.
- 4] Sari Blouse with darts.

References :-

- 1) Alien B., 'Flat Pattern Design', USA, McGraw Hill Pub.
- 2) Win fad Aldrich, 'Metric Pattern Cutting', UK Black well Science.
- 3) Gerry Conklin, (1991), 'Introduction to clothing manufacture', UK Blackwell Science
- 4) Harold C. and Latham B.(1994), 'The Technology of Clothing Manufacture', USA,
Oxford Pub.
- 5) Zarapkar (1985) ' System of Cutting' Bombay, Gala Publishers

TEXTILE DESIGNING - Paper I (PRACTICAL)

Work Load

Practical ; 3-Lectures / Week

- Objectives:**
- 1) To enable students to:
Gain knowledge of traditional design and motifs of textile art.
Tools and equipment's used for textile design.
 - 2) Know the application of these in different textile arts and technique.

Semester-I-Practical

1) Introduction Basic in Textile Design .

- 1) line
 - 2) Object
 - 3) Shape
 - 4) Texture
- Colour**

- 1) Primary Color Wheel
- 2) Color Wheel (18 shade)
- 3) Color Combination .
- 4) Color Schemes (contrast/ Double Contrast / Triad Analogous
Split Complimentary/Double Split Complimentary. Monochromatic.Hot Colour,
Cool Colours.

1) Value Scale / Gray Scale /.Intensity Scale .

Design development- study of motifs,
Design and patterns geometric, natural, and conventional abstract,
design modifications.

Combinations of different motifs in a pattern arrangements, Various
repeats emphasizing color combinations.

- 1) Simple Repetition .
- 2) All over repetition.
- 3) Cross repetition .
- 4) One side direction .
- 4) All over packed repetition .
- 5) All over non direction repetition .
- 6) Sari Border Design with repetition .

TEXTILE DESIGNING – Paper II (PRACTICAL)

Work Load
Practical ; 3-Lectures / Week

Total Marks 100.
Practical :50 Marks
Term Work :50 marks
(Internal 25 & External 25)

Practical - II-Semester

- 1) **Design development with various repetition style using different media .**
 - 1) Poster colour .
 - 2) Water colour .
 - 3) Water proof ink colour .
 - 4) Pencil colour .
 - 5) Crayons , oil , dry pestle colour etc.
- 2) **Introduction Design with different age groups ,**
 - 1) **Prints . (Theme Base.)**
 - 2) Handkerchief design. (Borders , Floral ,Checks , lines.)
 - 3) Scarf Design
 - 4) Forming a design - traditional design to present trends in textile industry and apparel industry.
 - 5) Collection of various woven, applied, dyed, and printed textile, Sketching and painting of design for same.
 - 6) Six different design with use of cloth texture. & Paint with Repetition For the same.
 - 7) **Three types of sari designs.**

References :

- 1) Susan M. ‘Color with Style Textile design’- Joist eiffers.
- 2) Prakash K. ‘Inspirations Traditional textile Designs’ Mumbai, English edition. Publishers and Distributors (India) Pvt. Ltd.
- 3) Prakash K. ‘Singer Design colour and Design on Fabric’, Mumbai, creative Publication International Minnesota English edition. Publishers and Distributors (India) Pvt. Ltd.
- 4) Prakash K. ‘ Rajasthani Folk Art’, Mumbai, English edition. Publishers and Distributors (India) Pvt. Ltd.

APPAREL DESIGNING – Paper I (Theory)

Work Load

Practical : 3-Lectures / Week

Theory : 3-Lectures / Week

Theory :50 Marks

Objectives:-Toenable students

- 1) Understand the fundamental design concepts, terminologies and elements of design.
- 2) Understand the various figure types and color .

THEORY:

Semester-I

- 1) Introduction to Fashion Designing: Its scope and importance,
 - 1) Principles of Fashion
 - 2) Elements of Design:
 - 3) Lines: Straight lines and its types, curved lines and its types.
 - 4) Colour : Hue, Intensity, Value, colours. Shape
 - 5) Texture.
- 2) Explanation of the basic Croquie with its various parts and measurements. (9-head croquie and 10-head Croquie)
- 3) Study of Basics in Fashion Designing including knowledge, uses and types of:
 - 1) Necklines:
 - 2) Collars
 - 3) Yokes:
 - 4) Cuffs
 - 5) Frills and ruffles.
 - 6) Skirts

Practical:-

- 1) Basic Croque -8 head , 9 head , 10 head drawing human figure .
- 2) Leg Movement .Understanding legs in mutation.
- 3) Hand Movement .Rotating , hand.
- 4) Flashing out the croquet
- 5) Kids croque , Male croque .
- 6) Fashion Posies ,Free hand croque.
- 7) Drawing Different figure movement (Front view / side view. Three quarter / view .
- 8) Shading and value Dark light & shadow .
- 9) Shading & colour value (gray scale)
- 10) Shading the body light source .
- 11) Necklines:
 - Collars
 - Yokes:
 - Skirts
- 12)Use of various color ,prints, shapes on various outfits .

APPAREL DESIGNING – Paper II (Theory)

Practical : 3-Lectures / Week
Theory : 3 -Lectures / Week

Total Marks 150

Theory : 50 Marks
Practical : 50 Marks
Term Work :50 marks
(Internal 25 & External 25)

Theory: Semester: II

- 1) Study of silhouettes:
 - a) Meaning and Types of silhouettes, Different outfits regarding different silhouettes.

Study of Figure.

- b) Average Figure
- c) Deformed figures: Tall and thin, Short and Stout, stooping figure, erect figure, corpulent figure, etc.
- d) Slim, rectangular, Triangular, Wedge, Hourglass.etc.
- e) Terminology used in Fashion Industry:

Practical :-Semister-II

- 1) Drawing of various hair style .
- 2) Uses of line , Colour , Texture .
- 3) Sketches of various collars / Sleeves / Neck lines / Skirt / Yokes / Tops / T – shirts ,Frills. etc .
- 4) Drawing complete Figure with Clothing .
- 5) Designing Formals & Casual wear / Indian / Western Wear .
- 6) Fashion Accessories .Purses / Bags /Belt / Shoes / Jewelry / Bows / Caps etc .
- 7) Designing Sal war Khameez
- 8) Designing of Indian Traditional & Indo Western wear .
Ghagra Collies /
- 9) Working With Story Board, Mood board , Colour Board , Swatch Board , Flat Patterns . (With Two Different Themes)
- 10) Hand Made Jewelry Making .

11) Market survey / visit to various Malls / stores / boutiques / textile markets / industry visits / Fashion show .

References :-

- 1] Helen L. B. 'The Theory of Fashion Design'.
- 2] Nimes I. B. (1976), 'Fashion and Clothing Technology', Holton Educational Pub.
- 3] Michel B. B., 'Fashion the Mirror of History', New York, Batter Berry Ariane. Greenwich House.
- 4] Carso B., 'How to Look and Dress', McGraw Hill Book Co.
- 5] Tathan C and Seaman J. 'Fashion Design Drawing Course', Thames and Hudson.
- 6] Prakash, K. 'The Indian Fashion Designs', Mumbai, English Edition publishers Distributors (India) Pvt. Ltd.
- 7] Tote S.L. (1977), ' Inside Fashion Design', Francisco Canfield Press.
- 8] Jessie W (1969), 'Principles of Creating Clothing', New York, Martha A. Golding Johnwiley and Sons and Judy Starm

INTRODUCTION TO TEXTILE SCIENCE-Paper-I

Practical : 2-Lectures / Week

Theory :50 Marks

Theory : 3-Lectures / Week

Objectives:-

To enable students to:-

1. Impart knowledge regarding fibers and its properties.
2. Gain knowledge of yarn science.
3. Understand the various fabric construction techniques.

THEORY :-

Semester-I

- 1) Fundamentals of Textile Science.
 - a) Scope and importance of studying Textile .
 - b) Sequence of fabric construction .
 - c) General properties of fiber .

- 2) Natural fibers.
 - a) Study of Manufacturing process, Properties & Uses of :Cotton, Linen, Silk, Wool
 - b) Minor Natural fibers Jute , Kapok , Pina , Sisal.

- 3) Man made Fibers
 - a) Study of Manufacturing process, properties and uses of: Rayon, Acetate, Nylon, Polyester, Acrylic.
 - b) Introduction to Minor Man Made Fibers : Glass , Elastomeric,

- 4) Introduction Yarn Formation .
 - a) Spinning operation –Staple yarn manufacturing process .
 - b) Classification of Yarns
 - c) Sewing threads .
 - d) Yarn properties Count , Twist

Practical:

- A) Identification of Fibers using –
Feeling Test.
Microscopic appearance ,
Burning taste.
- B) Visual Identification of Yarn
Spun Yarn/ Filament Yarn
Cords / Cable Yarn
Fancy yarns.
- C) Visit to Spinning units.

INTRODUCTION TO TEXTILE SCIENCE-Paper-II

Work Load

Practical : 2-Lectures / Week

Theory : 3-Lectures / Week

Theory :50 Marks

Practical :50 Marks

Term Work :50 marks

(Internal 25 & External 25)

Theory-

Semester –II

1) Fundamentals of Fabric construction

a) Different types of fabric formation .

2) Weaving

a) Loom –Types & Parts .

b) Preparation for weaving .

c) Essential steps in weaving .

d) Classification of weaves .

3) Knitting

a) Basic Concept of knitting .

b) Weft knits and Warp knits .

c) Difference between weaving and knitting .

4) Other fabric Construction .

a) Felts , Non woven .

b) Decorative fabric construction :Braiding, Netting, Lace, Embroidery

c) Compound fabric construction

Practical:

1) Identification of weaves and graphical presentation of basic weaves

Plain Weave.

Twill Weave

Satin Weave

Decorative Weave.

2) Market Survey

Development of a folio on fabrics Collected based on

Types of fabrics with different fiber contents

Types of weaves
Non – woven Fabrics
Decorative fabrics like Braided , Lace Embroidery Fabric .etc.

- 3) Market Survey
Collection of fabrics used in apparels
Recent trends in fabrics .
Blended fabric .
Commercial name of the Fabric and its cost per meter.

Visits: Weaving unit./ knitting units.

References:

- 1) Corbman B.P,(1983), textile Fiber to Fabric , New York , Mc Grew Hill Book Company .
- 2) Kaplan N.S.(2002) A Practical Guide to Fiber Science ,Chandigarh . Abhishek Publication
- 2) Murphy W. S. (2002) Elements of fiber Science , Chandigarh , Abhishek Publication .
- 3) Vidya Sager P.U. (1998) Hand Book of Textile , New Delhi , Metal Publication .
- 4) Shenai V.A. (1984) Technology of Textile Processing Vol – IX Mumbai Sevak Publication .
- 5) Cook , J.G. Hand Book of Textile Fiber , Man Made Fabrics, England Marrow Publishing Co
- 7) Joseph M.L. (1997), Introductory Textile Science, New York Rinehart and Winston .
- 8) Hess (1972) , Textile Fibers and there use Calcutta , Oxford IBH .

BASIC COMPUTERS - Paper I

SEMESTER-I

Work Load

Practical ; 2-Lectures / Week

Objectives :- To enable student to :-

- 1 Gain basic computer knowledge.
- 2 Understand the use of computer in fashion and apparel industry.

BASIC COMPUTERS - Paper I

Total: 100 marks

Theory: 50 Marks

Practical: 30 Marks

Term Work: 20 marks (Internal 10 & External 10)

Objectives:-

To enable student to:-

- 1 Gain basic computer knowledge.
- 2 Understand the use of computer in fashion and apparel industry.

THEORY

SEMESTER-I

Unit no.1

Introduction to Computer, Computer characteristics, Applications/Uses of Computers, generations of computers.

Unit no.2

Block diagram of Diagram (Only diagram)

Concept of hardware and software and its categories, Software - Application Software & System Software, Hardware – Input & Output Devices

Unit no.3

Central Processing Unit – Arithmetic Logic Unit and Control Unit

Memory/Storage Unit – Primary and Secondary

Unit no.4

Computer System Accessories – Notepad, Wordpad, Calculator, Paint Brush...etc.

PRACTICAL:

Designing using Paintbrush

Notepad and WordPad

BASIC COMPUTERS – Paper II
Work Load

Practical ; 2-Lectures / Week

Practical : 50 Marks
Term Work :50 marks
(Internal 25 & External 25)

Total: 100 marks

SEMESTER- II

BASIC COMPUTERS - Paper II

Total: 100 marks

Theory: 50 Marks

Practical: 30 Marks

Term Work: 20 marks (Internal 10 & External 10)

Objectives:-

To enable student to:-

- 1 Gain basic computer knowledge.
- 2 Understand the use of computer in fashion and apparel industry.

THEORY:

SEMESTER-II

Unit no.1

Classification of Computers – Laptop, PC, Mainframe, Supercomputer...etc.

Unit no.2

Operating System, Functions of Operating System, Various Operating systems

Unit no. 3

Introduction to MS Word and its Applications/Uses, basic and useful tools in MS Word.

Unit no.4

Introduction to Excel and PowerPoint and its Applications/Uses.

PRACTICAL:

MS Word

Sr no	Title of Paper	Marks Theory	Passing Marks	Practical	Passing Marks	Term work				Total
						Internal		External		
1	Communication for the self employed professionals(paper I)	50	20	--	--	--	--	--	--	50
2	Sewing Technology Paper (I)	50	20	--	--	--	--	--	--	50
3	Introduction to Textile Science Paper (I)	50	20	--	--	--	--	--	--	50
4	Apparel Designing Paper (1)	50	20	--	--	--	--	--	--	50
5	Textile Designing Paper (I) .	--	--			--	--	--	--	--
6	Pattern Drafting Paper (I)	50	20	--	--					50
7	Garment Surface Ornamentation Paper (I)	--	--	--	--	--	--	--	--	--
8	Garment Construction Paper (I	--	--	--	--	--	--	--	--	--
9	Basic Computers Paper (I)	50	20			--	--	--	--	50
	TOTAL									300

BDFC- I-& EII –Semester. Passing Head .

**Bachelor Degree In Dress Making and Fashion Co-ordination
BDFC First Year (Semester I)**

NOTE-

Semester – I – There is no term work & Practical For (Sem- I) Only Theory Work as par the shiviji University Time Table.& (Sem-II) There shall be Practical & Term Work / External Work Assign By the Internal Faculty Members as well as External Appointed By university .

Sr no	Title of Paper	Marks Theory	Passing Marks	Practical	Passing Marks	Term work				Total
						Internal		External		
1	Communication for the self employed professionals(paper I)	50	20	50	20	--	--	--	--	100
2	Sewing Technology Paper (I)	50	20	50	20	25	10	25	10	150
3	Introduction to Textile Science Paper (I)	50	20	50	20	25	10	25	10	150
4	Apparel Designing Paper (1)	50	20	50	20	25	10	25	10	150
5	Textile Designing Paper (I) .	50	20	50	20	25	10	25	10	100
6	Pattern Drafting Paper (I)	50	20	50	20	25	10	25	10	150
7	Garment Surface Ornamentation Paper (I)	50	20	50	20	25	10	25	10	100
8	Garment Construction Paper (I)	50	20	50	20	25	10	25	10	100
9	Basic Computers Paper (I)	50	20	50	20	25	10	25	10	150
	TOTAL									1150

BDFC- I-& II –Semester. Passing Head .

**Bachelor Degree In Dress Making and Fashion Co-ordination
BDFC First Year (Semester- II)**

NOTE-

B.D.F.C. Part-I & II (Sem-I-& Sem- II)

Practical Work & Internal (Term Work) & External Work Shall be taken in semester –II – Only.

(Yearly Practical & Internal & External Examination)