

PANJAB UNIVERSITY CHANDIGARH- 160014 (INDIA)

(Estd. under the Panjab University Act VII of 1947-enacted by the Govt. of India)



FACULTY OF SCIENCE

SYLLABI

FOR

B.Sc. FASHION DESIGNING

(1st to 6th SEMESTER)

EXAMINATIONS 2020-2021

---:O: ---

**B.Sc. (Fashion Designing)
Semester-I**

Sr. No	Subject	Credit Hours			Theory Marks			Practical Marks			Total
		T	P	Total	Paper	Int. Ass	Total	Paper	Int. Ass	Total	
1.	Basics of Design-I	-	2	2	-	-	-	40	10	50	50
2.	Needle Craft-I	-	4	4	-	-	-	60	15	75	75
3.	Garment Construction-I	3	4	7	40	10	50	60	15	75	125
4.	Textile Science-I	3	2	5	40	10	50	40	10	50	100
5.	Garment Design-I	-	4	4	-	-	-	60	15	75	75
6.	Basics of Computer Skills	-	2	2	-	-	-	40	10	50	50
7.	English-I	5	-	5	40	10	50	-	-	-	50
8.	HCP-I/ Punjabi-I	6	-	6	45	05	50	-	-	-	50
	Total	-	-	35	-	-	-	-	-	-	575

1. **BASICS OF DESIGN-I Practical**
2. **NEEDLE CRAFT-I Practical**
3. **GARMENT CONSTRUCTION-I Theory and Practical**
4. **TEXTILE SCIENCE-I Theory and Practical**
5. **GARMENT DESIGN-I Practical**
6. **BASICS OF COMPUTER SKILLS Practical**
7. **ENGLISH-I Theory**
8. **HCP-I /PUNJABI-I Theory**

**Semester-I
BASICS OF DESIGN-I**

PRACTICAL

OBJECTIVES:

To enable students to understand:

- Various drawing tools and colouring mediums
- Types of lines and shapes
- Colour and its dimensions

Instructions for the paper setter:

1. Practical paper will be of 3 hours duration
2. Question paper should cover all the topics
3. Internal choice may be given in all questions

Credit: 2pds/week

Time: 3hrs.

Total Marks: 50

Exam: 40

Int. Ass: 10

1. Introduction to different drawing tools and colouring mediums and its application.
2. Line and its types
Different Forms & Shapes
3. Creation of motifs using different forms and shapes.
4. Introduction to colour
Colour wheel
Value scale
Colour harmonies
Warm and cool colours

Recommended readings:

- Jerner G., "Dress –The Clothing Textbook", Benett Co. Inc. Peoria.
- Ellinwood J. G., "Fashion by Design", Fairchild Book, New York.
- Aspeland K., "The Design Process", Fairchild Books, New York.
- Tortora P., "Encyclopedia of Fashion Accessories", Fairchild Publications Inc. (2003).
- Wells K., "Fabric Dyeing and Printing", Conron Octopus Ltd., London.
- Mc Cullum G. L., "4000 Flower & Plant Motifs", a sourcebook, BT Bats ford, London.
- Fernandez A. and Roig G. M., "Drawing for Fashion Designers".
- Prakash K., "Textile Design –Traditional & Floral", Tien Wah Press Ltd., Singapore.
- Clarke S., "Textile Design", Laurence King Publishing Ltd., London.
- Betta E. and Drudi K., "Fabric Textures & Patterns", The Pepin Press, Singapore.

**Semester-I
NEEDLE CRAFT-I**

**PRACTICAL
OBJECTIVES:**

To impart knowledge of basic embroidery stitches.

To impart knowledge of various techniques of patchwork, appliqué and open work.

To enable the students to apply these techniques to develop various products.

Instructions for the paper setter:

1. Practical paper will be of 3 hours duration
2. Question paper should cover all the topics
3. Internal choice may be given in all questions

Credit: 4pds/week

Time: 3hrs.

Total marks: 75

Exam: 60

Int. Ass.: 15

Preparation of samples with the following techniques:-

1. Basic embroidery stitches-

Stem, Chain, Back, Blanket, Feather, Herring Bone, Satin, Long and Short, Cross stitch, Couching, Laizy Daisy, French knot, Bullion knot

2. Patch work –

Introduction

Tools and material

Types of patchwork (one shape patchwork, block unit patchwork)

3. Applique –

Introduction

Tools and material

Making templates

Cutting applique

Methods of sewing applique (hand, machine, fusing, reverse applique)

4. Open work –

Cut work

Drawn thread work(hemstitching, needle weaving)

PROJECT:-

Develop two product based on above techniques or their combinations.

Recommended Readings:

Snook Barbara," Creative Art of Embroidery", Numbly Pub. Group Ltd, London,1972

Reader's Digest Complete Guide to Needle Work ,The Reader's Digest Association, one Pleasantville, New York (Montreal,1979)

Semester-I
GARMENT CONSTRUCTION-I

THEORY

OBJECTIVES:

To impart knowledge of machines and tools used for sewing.

To impart knowledge of different garment components.

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40).

Credit: 3pds/week

Time: 3hrs.

Total Marks: 50

Exam: 40

Int. Ass.: 10

UNIT-I

1. Terminology:

Grain	Binding
Bias	Seam allowance
Selvedge	Yardage
Stay stitching	Tailor's tack
Facing	Ease stitching

2. Tools and equipments used in clothing construction

- **Measuring tools**
- **Marking tools**
- **Cutting tools**
- **Sewing tools**
- **Finishing tools**

UNIT-II

3. Sewing Machine:

Its parts and their functions.

Common sewing machine problems and their remedies.

UNIT-III

4. A brief study of the following:-

Basting: Even, uneven and diagonal

Hemming: Visible and invisible

**Seams: Plain, Run and fell, French, lapped, counter and mantua maker
Seam finishes: Overlock, hand overcast, turned & stitched and binding.**

5. Fullness treatment

Tucks: Pin tucks, Cross tucks, Shell tucks, Released tucks, Corded tucks

**Darts: Standard dart, Double pointed dart and
Decorative dart Gathers, Shirring**

**Pleats: Box Pleats, Knife Pleats, Kick Pleats,
Accordion pleats Frills and Flounces**

Ruffles

UNIT-IV

**6. A brief study of the following(with special reference to
suitability and types) Plackets**

Pockets

Trimmings

Fasteners

Recommended readings:

McCall's, "Sewing in colour-Home dressmaking, Tailoring, Mending, soft furnishings, The Hamlyn Publishing group Ltd. (1963).

Dantyagi.S, "Fundamentals of Textiles and their Care", Orient Longman Ltd, New Delhi.

A Redaer's Digest Step by Step guide, Sewing and Knitting", Reader's Digest (Australia) Pty Ltd.

**"The Complete Bookof sewing- A practical step by step guide to sewing techniques"
Dorling Kindersely publication, (1996).**

"Singer sewing step by step", CY Decosse, Incorporated Minne Tonka, USA. (1990).

Thomas Anna Jacob,' The Art of Sewing", UBS Publishers Distributors Ltd., New Delhi,

1994. Verma G, "Cutting and Tailoring Theory", Asian Publishers, Delhi, 1999.

Armstrong Helen Joseph, "Pattern making for fashion

designing". Mullick Prem Lata, "Garment construction Skills".

Semester-I

GARMENT CONSTRUCTION-I

PRACTICAL

OBJECTIVES:

To learn-

Various basic hand stitches

Seams and seam finishes

Different fullness treatments

Instructions for paper setters

There will be four questions in all.

Credit: 4pds/week

Time: 3hrs.

Total Marks: 75

Exam: 60

Int. Ass.: 15

1. Making samples of Basic hand stitches

Basting (Even, Uneven and

Diagonal) Back stitch

Hemming (visible and

invisible) Tailor's tack

2. Making samples of types of

seams-Plain

Run and

fell French

lapped

Counter

Mantua maker

3. Making samples of types of seam

finishes-Overlock

Hand overcast

Turned and

stitched Binding.

4. Fullness treatment-

Darts

Tucks- Pin tucks, Cross tucks, Shell tucks, Released tucks,

Corded tucks Gathers

Pleats- Box Pleats, Knife Pleats, Kick

Pleats Ruffles

Frills- Gathered frill and pleated frill

Recommended readings:

Thomas Anna Jacob, ' The Art of Sewing", UBS Publishers Distributors Ltd., New Delhi,

1994. Reader's digest complete guide to sewing, Reader's Digest (Australia) Pvt. Ltd.

Verma G, "Cutting and Tailoring Theory", Asian Publishers, Delhi, 1999.

Armstrong Helen Joseph, "Pattern making for fashion designing".

Mullick Prem Lata, "Garment Construction Skills".

Semester-I
TEXTILE SCIENCE-I

THEORY

OBJECTIVES:

To impart knowledge of fibers, sources of fibres and their properties

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory, carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8 x 5 =40)

Credit: 3pds/week

Time: 3hrs.

Total Marks: 50

Exam: 40

Int. Ass: 10

UNIT I

1. Textile fibres and their classification based on sources and origin.
2. Properties of textiles fibers.

UNIT II

3. Manufacturing and properties of various natural cellulosic fibres – cotton and linen.
4. Manufacturing and properties of various natural protein fibres- wool and silk.

UNIT III

5. Manufacturing process and properties of regenerated cellulosic fibre – Viscose rayon.
6. Manufacturing process and properties of modified cellulosic fibre – acetate.

UNIT IV

7. Manufacturing process of man made synthetic fibres-
 - (a) Polyamide- Nylon 66, Nylon 6
 - (b) Polyester
 - (c) Acrylic

Vilensky, "Textile Science", CBS Publication, New Delhi, 1999.

Mishra S.P., "A Textbook of Fiber Science and Technology", New Age Intl., Delhi 2000.

Eric Oxtoby, "Spun Yarns, Technology, Structure and Applications, Wiley-InterScience, NY, 1978. Corbman, "Textiles: Fiber to Fabric" Mc Graw Hill

Kadolph, S.J, "Textiles", Tenth Edition, Dorling Kindersley, 2009.

Tortora, P.G., "Understanding Textiles", Mac Millan, Publishing Co, New York, 1978. Hollen, N and Saddler. J, "Textiles" Mac Millan, London, 1968.

**Semester-I
TEXTILE SCIENCE -I**

**PRACTICAL
OBJECTIVES:**

To help the students to identify various classes of textiles fibers.

To help students to understand various types of yarns and fabric properties

Instructions for paper setters

1. There will be three questions in all.

Credit: 2pds/week

Time: 3hrs.

Total Marks: 50

Exam: 40

Int. Ass: 10

1. Fiber identifications – visual, burning, microscopic and solubility test.
2. Identification of type of yarn
3. Determination of twist.
4. Evaluation of thread count and dimensional stability of fabric

Recommended readings:

Vilensky, “Textile Science”, CBS Publication, New Delhi, 1999.

Mishra S.P., “A Textbook of Fiber Science and Technology”, New Age Intl., Delhi 2000.

Eric Oxtoby, “Spun Yarns, Technology, Structure and Applications, Wiley-InterScience, NY, 1978. Corbman, “Textiles: Fiber to Fabric” Mc Graw Hill

Kadolph, S.J, “Textiles”, Tenth Edition, Dorling Kindersley, 2009.

Tortora, P,G,“Understanding Textiles”, Mac Millan, Publishing Co, New

York, 1978. Hollen, N and Saddler. J, “Textiles” Mac Millan, London, 1968.

**Semester-I
GARMENT DESIGN-I**

**PRACTICAL
OBJECTIVES:**

To enable students to understand:

Various fashion details and their sketching

Instructions for the paper setter:

1. Practical paper will be of 3 hours duration
2. Question paper should cover all the topics
3. Internal choice may be given in all questions

Credit: 4pds/week
Time: 3hrs.

Total Marks: 75
Exam: 60
Int. Ass: 15

1. Sketching of various fashion details:

Necklines

Cuffs

Pockets

Frills & flounces and cascades

Belts and bows

Pleats

Gathers

Tucks

Shirring

Plackets

Collars

Sleeves

Yokes

Recommended readings:

Martin D., "Big Book of Fashion illustration", United Kingdom, Bats ford, London (2007).

Seaman J. and Allen A., "Fashion Drawing", Om Books Internationals (Bats ford Ltd.).

Tortora P., "Encyclopedia of Fashion Accessories", Fairchild Publications Inc. (2003).

Charlotte M. C., "Fairchild's Dictionary of fashion", Fairchild Books, New York.

**Foster W., "How to draw and Paint Fashion", Walter Foster
Publishing's, California. Bou Clair, "Simplicity".**

Singhal R. and Bharati K., "Fashion Rendering", Om Books Internationals, Noida.

Bhargav R., "Design Ideas & Accessories", B.Jain Publisher's Ltd., New Delhi.

Fernandez A. and Roig G. M., "Drawing for Fashion Designers".

**Mc Cullum G. L., "4000 Flower & Plant Motifs", a sourcebook, BT Bats ford,
London. Kathryn, M. & Janine, M. (1999). Illustrating Fashion. Blackwell.**

Bina, A. (2005). Fashion Sketchbook. Om Book.

Kathyrn, M. (2001). Fashion Source Book. Om Book.

Ireland, J.P. (2005). Fashion Design Drawing & Presentation. Om

Book. Ireland, J.P. (1995). Fashion Design Illustration Children. B.T.

Batsford. Martin, D. (2005). New Fashion Illustration. Page One.

Semester-I
BASICS OF COMPUTER

PRACTICAL

OBJECTIVE:

1. To impart basic computer knowledge to students.
2. To enable the students to concept of fundamentals and its applications.

Instructions for paper setters:

1. There will two questions in all from Section –II only.
2. One question will be set from Sr. No. 1 carrying 20 marks.
3. One question will be set from Sr. No. 02 carrying 20 marks.
4. Each question can be sub divided into according to the Practical

Credit: 2pds/week

Time: 3hrs.

M. Marks: 50

Exam: 40

Int. Ass.: 10

Section-I

(THEORATICAL BACKGROUND TO BE DONE IN PRACTICAL CLASSES)

1. Introduction to Computer: Definition, Generation, Classification of computers, Configurations of computers, Computer software and hardware.
2. Categories of computer softwares. Computer peripherals like keyboard, Mouse, Monitor and Printer etc. with its working in brief.

Section-II

(PACTICAL)

1. Using Windows: Windows Basics; Start Windows; Using different windows simultaneously; Moving through windows and mouse; Maximize/Minimize windows; Use of help feature; Exit windows; Starting an application; Copy, Move, Delete files/ Directories, Creating Directories. Reaming files and directories.
2. Word Processing Package: Basics of Word Processing; Text Selection, Opening Documents and Creating Documents, Saving Documents/Quitting Documents, Cursor control, Printing and Replacing Text, Spell Check Feature/Autocorrect feature, Grammar facility, Retrieving often used text; Auto text character formatting, Page formatting; Document Enhancement: Adding Borders and shading, Adding Headers and Footers, Setting up Multiple columns, Shorting locks, Adjusting Margins and Hyphenating Documents, Creating Master Documents, Data Source, Merging Documents, Using Mail merge feature for labels and envelopes: Graphics and Using Templates and wizards.
3. Presentation Packages: Basics, General Features, Creating a presentation, Working with slides, Inserting images, Video, Audio Clips, Indents and line spacing, Slide animations transactions, Manual and Automatic slide show, Color themes etc.

Recommended readings:

Pradeep K. Sinha, Priti Sinha, "Computer fundamentals" BPB Publications, New Delhi, 2011.

Mandeep Handa, Virnder Singh "Windows based Computer courses" ABS Publications, Jalandhar, 2011.

Suresh K. Basanra, "Computer Today" Galgotia Publications, New Delhi, 2008.

Ikjinderpal Singh, Baljinder Singh "Windows Based Computer Courses" Khanna Book Publications Co. (P) Ltd. 2011.

**Semester-I
ENGLISH-I (THEORY)**

Credit: 5pds/week

Time: 3hrs.

Total Marks: 50

Exam: 40

Int. Ass.: 10

OBJECTIVE:

The objective of teaching English to the Fashion Designing students is to create general awareness among them about literature and its impact on their lives. At the same time, it is expected that the students, on reading this course, shall develop proficiency in reading and writing skills.

Note:

- i) The paper shall consist of Two Units. Unit I will be text specific and Unit II shall deal with different aspects of communications and language learning skills.
- ii) For Unit I, the prescribed text is Varieties of Expression, Ed. A. H. Tak, Foundation Books, which shall replace the existing text Patterns in Prose by Jagdish Chander, P.U., Chandigarh. It may be pointed out here that only certain sections of this text i.e prose and drama are prescribed. Poetry has been deleted completely. Only five prose and five plays have been recommended for the study. The relevant sections, however, are as follows:

Prose:

- I The Judgement Seat of Vikramaditya, Sister Nivedita
- II Engine Trouble, R. K. Narayan
- III The Conjuror's Revenge, Stephen Leacock

Drama:

- I The Rising of the Moon, Lady Gregory
- II Waterloo, Arthur Conan Doyle

- iii) No text book is recommended for Unit II, but a few books that may be used for this Unit are listed towards the end Unit II shall consist of the following:

UNIT I

Q1. It shall consist of five short questions (not exceeding 100-120 words) out of which a student will be expected to attempt any three. This question shall be based upon the prescribed text Varieties of Expression and cover a wide range of issues, topics and problems. It shall consist of 9 marks.

Q2. It shall consist of two long questions (not exceeding 200-250 words) out of which a student will be expected to attempt only one. This question shall have internal choice, be based upon the prescribed text Varieties of Expression. This shall carry 6 marks.

Q3. It shall exclusively be a test of vocabulary, but designed strictly on the lines of various exercises given at the end of each chapter in the prescribed text. The candidate shall be given six words in one column and asked to match them with words/meanings in the next column, This shall carry 5 marks.

UNIT II

Q4. This question shall be on notices/advertisements of various types (as mentioned in the syllabus). It'll carry 5 marks.

Q5. The students shall be asked to write a short survey report on a situation, incident, problem of science or the possibility of starting a new scientific venture (in about 150-200 words). The students shall be given an internal choice in this question. This question shall carry 5 marks.

Q6. This question shall test a student's understanding of various aspects of communication and modern forms of communication. It shall be divided into two parts:

- a) Two short questions to be attempted (in not more than 100-120 words each) on different aspects of communication. It'll carry 6 marks.**
- b) Definitions/format of modern forms of communication to be tested. This shall again carry 4 marks.**

**B.Sc. (Fashion Designing)
Semester-II**

Sr. No	Subject	Credit Hours			Theory Marks			Practical Marks			Total
		T	P	Total	Paper	Int. Ass	Total	Paper	Int. Ass	Total	
1.	Basics of Design-II	-	2	2	-	-	-	40	10	50	50
2.	Needle Craft-II	-	4	4	-	-	-	60	15	75	75
3.	Garment Construction-II	3	4	7	40	10	50	60	15	75	125
4.	Textile Science-II	3	2	5	40	10	50	40	10	50	100
5.	Garment Design-II	-	4	4	-	-	-	60	15	75	75
6.	Computer Applications	-	2	2	-	-	-	40	10	50	50
7.	English-II	5	-	5	40	10	50	-	-	-	50
8.	HCP-I/ Punjabi-I	6	-	6	45	05	50	-	-	-	50
	Total			35							575

1. **BASICS OF DESIGN-II Practical**
2. **NEEDLE CRAFT-II Practical**
3. **GARMENT CONSTRUCTION-II Theory and Practical**
4. **TEXTILE SCIENCE-II Theory and Practical**
5. **GARMENT DESIGN-II Practical**
6. **COMPUTER APPLICATIONS Practical**
7. **ENGLISH-II Theory**
8. **HCP-II /PUNJABI-II Theory**

**Semester-II
BASICS OF DESIGN-II**

PRACTICAL

OBJECTIVES:

To enable students to understand:

Various types of motifs and their placements

Instructions for the paper setter:

1. Practical paper will be of 3 hours duration
2. Question paper should cover all the topics
3. Internal choice may be given in all questions

Credit: 2pds/week

Time: 3hrs.

Total Marks: 50

Exam: 40

Int. Ass: 10

1. Designing of following motifs and its types in different colourways Geometrical

Realistic

Natural

Stylized

Abstract

2. Different placements of motif: Vertical

Horizontal

Half drop

All over

Diagonal

3. Collection of swatches for the following fabrics Nursery prints

Dots, stripes, checks and

plaids Digital prints

Abstract prints

Paisely and floral motifs

Recommended readings:

Jerner G., "Dress –The Clothing Textbook", Benett Co. Inc. Peoria.

Ellinwood J. G., "Fashion by Design", Fairchild Book, New York.

Aspeland K., "The Design Process", Fairchild Books, New York.

Tortora P., "Encyclopedia of Fashion Accessories", Fairchild Publications Inc. (2003). Wells K., "Fabric Dyeing and Printing", Conron Octopus Ltd., London.

Mc Cullum G. L., "4000 Flower & Plant Motifs", a sourcebook, BT Bats ford, London.

Fernandez A. and Roig G. M., “Drawing for Fashion Designers”.

Prakash K., “Textile Design –Traditional & Floral”, Tien Wah Press Ltd.,

Singapore. Clarke S., “Textile Design”, Laurence King Publishing Ltd., London.

Betta E. and Drudi K., “Fabric Textures & Patterns”, The Pepin Press, Singapore.

Semester II NEEDLE CRAFT-II

PRACTICAL

OBJECTIVES:

To impart knowledge of various techniques of smoking, quilting and ribbon work.

To enable the students to apply these techniques to develop various products.

Instructions for paper setters

Practical will be of 3 hours duration.

Internal choice may be given in the questions.

Credit: 4pds/week

Time: 3hrs.

Total marks: 75

Exam: 60

Int. Ass.: 15

Preparation of Samples with the following techniques:-

1. Smocking -

Introduction

Fabrics and Grids

Adding Smocking to a

garment English Smocking

Smocking Stitches

Working Stitch

Combination Quilting -

Introduction

Tools and material

Types of Quilting(hand, machine, padded, corded, puff and pillow)

2. Ribbon work.

Develop two product based on above techniques or their combinations

Recommended Readings:-

Snook Barbara,” Creative Art of Embroidery”, Numbly Pub. Group Ltd, London,1972

**Reader’s Digest Complete Guide to Needle Work ,The Reader’s Digest Association,
one Pleasantville, New York(Montreal,1979)**

**Semester-II
GARMENT CONSTRUCTION-II**

THEORY

OBJECTIVES:

To impart knowledge of handling of different fabrics and their suitability. To impart knowledge of different garment components.

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

Credit: 3pds/week

Time: 3hrs.

Total Marks: 50

Exam: 40

Int. Ass. : 10

UNIT-I

1. Terminology and details of the following:
 - a) Sleeves: Plain, Puff, Cap, Bell, Petal, leg-o-mutton, Kimono, Reglan and Magyar
 - b) Collars: Peter Pan, Baby, Cape, Sailor, Mandarin, Shawl and Convertible

UNIT-II

2. Terminology and details of the following:
 - a) Skirts: Basic, Flared, Circular, Panelled, Gathered, Gored, Godet, Pegged, Tiered and Wrap skirt
 - b) Trousers: Shorts, Jamaica, Bermuda, Pedal pushers, Palazzo pants, Toreador pants and Capri.

UNIT-III

3. Handling special fabrics (with special reference to seams, seam finishing and handling while sewing) - Net, fur, leather, sheers, Jersey, Velvet, Corduroy, prints, checks and plaids, sequined fabric.
4. Preparation of fabric for clothing construction.
5. Fabric estimation and its importance.

UNIT-IV

6. Lining, interlining and underlining.
7. Facing and inter facing.
8. Suitability of different fabrics for different garments.

Recommended readings:

McCall's, "Sewing in colour-Home dressmaking, Tailoring, Mending, soft furnishings, The Hamlyn Publishing group Ltd. (1963).

Dantiyagi.S, "Fundamentals of Textiles and their Care", Orient Longman Ltd, New Delhi.

A Redaer's Digest Step by Step guide, Sewing and Knitting", Reader's Digest (Australia) Pty Ltd.
"The Complete Book of sewing- A practical step by step guide to sewing techniques"
Dorling Kindersely publication, (1996).

Thomas Anna Jacob, 'The Art of Sewing', UBS Publishers Distributors Ltd.,
New Delhi, 1994. Readers digest sewing Book

Verma G, "Cutting and Tailoring Theory", Asian Publishers, Delhi, 1999.

Armstrong Helen Joseph, "Pattern making for fashion designing".

Mullick Prem Lata, "Garment construction Skills".

Semester-II GARMENT CONSTRUCTION-II

PRACTICAL

OBJECTIVES:

To learn various construction techniques.

Instructions for paper setters

There will be four questions in all covering entire
syllabus. Internal choice may be given in the questions.

Credit: 4pds/week

Time: 3hrs.

Total Marks: 75

Exam: 60

Int. Ass. : 15

1. Making samples of Neckline finishes
 - Facing
 - Binding
2. Making samples of plackets-
 - Continuous placket
 - Two Piece placket
 - Bound placket
 - Kurta placket
3. Making samples of Zippers-
 - Visible Zipper.
 - Invisible Zipper
4. Making sample of different Fasteners
5. Making samples of Pockets-
 - Patch pocket
 - Inseam pocket
 - Front Hip pocket

**Patch pocket with
flap Kurta pocket**

Recommended readings:

**Thomas Anna Jacob,' The Art of Sewing", UBS Publishers Distributors Ltd.,
New Delhi, 1994. Reader's digest complete guide to sewing.**

Verma G, "Cutting and Tailoring Theory", Asian Publishers, Delhi, 1999.

Armstrong Helen Joseph, "Pattern making for fashion designing".

Mullick Prem Lat, "Garment construction Skills".

**Semester-II
TEXTILES SCIENCE-II**

THEORY

OBJECTIVES:

To impart knowledge of

Types of yarns

Types of spinning

Laundry reagents

Instructions for paper setters

- 1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.**
- 2. Five questions will be attempted in all. Question No. I will be compulsory, carrying short answer type questions, fill in the blanks or true/false.**
- 3. Each question will carry eight marks (8 x 5 =40)**

Credit: 3pds/week

Time: 3hrs.

Total Marks: 50

Exam: 40

Int. Ass: 10

UNIT I

- 1. Types of yarn – Spun, filament, simple, novelty, bulk and textured**
- 2. Effect of twist and direction of twist.**

UNIT II

- 3. Spinning – mechanical and chemical**
**Mechanical spinning - Ring spinning, open end spinning, DREF (Friction Spinning),
water jet spinning and air jet spinning**
Chemical spinning – Dry spinning, wet spinning, melt spinning

UNIT III

- 4. Soaps and detergents-Composition, types, qualities, manufacturing and cleansing action
of soaps and detergents.**

5. Blues- Types and uses.

UNIT IV

6. Bleaches- Types and Application.

7. Stiffening agents- Types and uses.

Recommended readings:

Vilensky, "Textile Science", CBS Publication, New Delhi, 1999.

Mishra S.P., "A Textbook of Fiber Science and Technology", New Age Intl., Delhi 2000.

Eric Oxtoby, "Spun Yarns, Technology, Structure and Applications, Wiley-InterScience, NY, 1978. Corbman, "Textiles: Fiber to Fabric" Mc Graw Hill

Kadolph, S.J, "Textiles", Tenth Edition, Dorling Kindersley, 2009.

Tortora, P.G., "Understanding Textiles", Mac Millan, Publishing Co, New York, 1978. Hollen, N and Saddler. J, "Textiles" Mac Millan, London, 1968.

Semester-II
TEXTILES SCIENCE-II

PRACTICAL

OBJECTIVES:

To enable the students to-

Identify and remove various stains.

Prepare various stiffening agents wash and finish various garments.

Instructions for paper setters

1. There will be two questions in all.

2. Two questions carrying 20 marks each.

Credit: 2pds/week

Time: 3hrs.

Total Marks: 50

Exam: 40

Int. Ass.: 10

1. Stain removal

2. Preparation of starches- arrowroot and gum Arabic.

3. Laundering of special garments:

- Terrycot shirt
- Woolen garment (pullover/cardigan)
- Silk scarf
- Table cloth

Recommended readings:

Vilensky, "Textile Science", CBS Publication, New Delhi, 1999.

Mishra S.P., "A Textbook of Fiber Science and Technology", New Age Intl., Delhi 2000.

Eric Oxtoby, "Spun Yarns, Technology, Structure and Applications, Wiley-InterScience, NY, 1978.

Corbman, "Textiles: Fiber to Fabric" Mc Graw Hill

Kadolph, S.J, "Textiles", Tenth Edition, Dorling Kindersley, 2009.

Tortora, P,G.,"Understanding Textiles", Mac Millan, Publishing Co, New York, 1978. Hollen, N and Saddler. J, "Textiles" Mac Millan, London, 1968.

**Semester-II
GARMENT DESIGN-II**

**PRACTICAL
OBJECTIVES:**

To enable students to:

Design children garments

Interpret style and estimate material for different garments

Instructions for the paper setter:

- 1. Practical paper will be of 3 hours duration**
- 2. Question paper should cover all the topics**
- 3. Internal choice may be given in all questions**

Credit: 4pds/week

Time: 3hrs.

Total Marks: 75

Exam: 60

Int. Ass: 15

- 1. Design & style read; suggest fabrics & notions; and estimate the fabric for the following children garments. (5 each)**

Frocks- casual, party

wear Romper

Night suit

Jump suit

Jacket

Recommended readings:

Martin D., "Big Book of Fashion illustration", United Kingdom, Bats ford, London (2007).

Seaman J. and Allen A., "Fashion Drawing", Om Books Internationals (Batsford Ltd.).

Tortora P., "Encyclopedia of Fashion Accessories", Fairchild Publications Inc. (2003).

Charlotte M. C., "Fairchild's Dictionary of fashion", Fairchild Books, New York.

Foster W., "How to draw and Paint Fashion", Walter Foster Publishing's, California. Bou Clair, "Simplicity".

Singhal R. and Bharati K., "Fashion Rendering", Om Books Internationals, Noida.

Bhargav R., "Design Ideas & Accessories", B.Jain Publisher's Ltd., New Delhi.

Fernandez A. and Roig G. M., "Drawing for Fashion Designers".

Mc Cullum G. L., "4000 Flower & Plant Motifs", a sourcebook, BT Bats ford, London. Design books- Guddi, Top kids, Kiddy.

Kathryn, M. & Janine, M. (1999). Illustrating Fashion. Blackwell.

- Bina, A. (2005). Fashion Sketchbook. Om Book.
 Kathryn, M. (2001). Fashion Source Book. Om Book.
 Ireland, J.P. (2005). Fashion Design Drawing & Presentation. Om Book.
 Ireland, J.P. (1995). Fashion Design Illustration Children. B.T. Batsford.
 Martin, D. (2005). New Fashion Illustration. Page One.

Semester II COMPUTER APPLICATION

PRACTICAL OBJECTIVES:

To impart computer knowledge to students through practical.

Instructions for paper setters:

1. There will two questions in all from Section –II only.
2. One question will be set from Sr. No. 1 carrying 20 marks.
3. One question will be set from Sr. No. 02 carrying 20 marks.
4. Each question can be sub divided into according to the Practical

Credit: 2pds/week
Time: 3hrs.

Total Marks: 50
Exam: 40
Int. Ass.: 10

Section I

THEORETICAL BACKGROUND TO BE DONE IN PRACTICAL CLASSES

1. Computer Memory in details, secondary storage device HDD, CD, DVD, Pen Drive etc.
2. Operating System (OS), Introduction, Function of OS ,Types of OS, Working of OS in brief.
3. Current trends internet, WWW, elements of WWW, client, server, web browser, web site, hyperlink, configuration and applications, search engines.

Section II PRACTICAL

1. Spreadsheet Package: Worksheet Basics, Data Entry in Cells : Entry of numbers, text and formulae, Moving data in a worksheet, Moving around in a worksheet, Selecting Data Range, Using the interface (Toolbars, Menus) Editing Basics, Working with workbooks, Saving and Quitting, Cell referencing; Formatting and Calculations : Calculations and worksheets- using Auto fill, Working with Formulae, Efficient Data Display with Data formatting (number formatting, data formatting etc.), Working with Ranges, Worksheet Printing; Working with Graphs and Charts: Adding/Formatting Text Data with Auto format, creating Embedded Chart using chart wizard, sizing and moving parts, updating charts, Changing chart types, Creating separate charts, Chart wizard, Adding Titles, Legends and Gridlines, Printing Charts; Database Management; finding records with Data form, Adding/ Deleting Records, Filtering Records in a worksheet; Functions and Macro:

Worksheet with worksheet function using function-wizard, Creating Macros, Record Macros, Running Macros, Assigning Macros to Buttons, Multiple worksheets and scanners.

2. Internet and its applications, URL, Email (Creating new mail account, sending mail, attachments etc.), search engines, file downloading and saving of file. Writing CD, DVD in different formats using CD or DVD writing software's. Data transfer to or from Solid state devices.

Recommended Readings:-

1. Pradeep K. Sinha, Priti Sinha, "Computer fundamentals" BPB Publications, New Delhi, 2011.
2. Mandeep Handa, Virnder Singh "Windows based Computer courses" ABS Publications, Jalandhar, 2011.
3. Suresh K. Basanra, "Computer Today" Galgotia Publications, New Delhi, 2008.
4. Ikvinderpal Singh, Baljinder Singh "Windows Based Computer Courses" Khanna Book Publications Co. (P) Ltd. 2011.

**Semester-II
ENGLISH-I (THEORY)**

**Credit: 5pds/week
Time: 3hrs.**

**Total Marks: 50
Exam: 40
Int. Ass.: 10**

OBJECTIVE:

The objective of teaching English to the Fashion Designing students is to create general awareness among them about literature and its impact on their lives. At the same time, it is expected that the students, on reading this course, shall develop proficiency in reading and writing skills.

Note:

- i) The paper shall consist of Two Units. Unit I will be text specific and Unit II shall deal with different aspects of communications and language learning skills.
- ii) For Unit I, the prescribed text is Varieties of Expression, Ed. A. H. Tak, Foundation Books, which shall replace the existing text Patterns in Prose by Jagdish Chander, P.U., Chandigarh. It may be pointed out here that only certain sections of this text i.e prose and drama are prescribed. Poetry has been deleted completely. Only five prose and five plays have been recommended for the study. The relevant sections, however, are as follows:

Prose:

- I J. C. Bose, Aldous Huxley
- II The Position of Women in Ancient India, Padmini Sen Gupta

Drama:

- I The Proposal, Anton Chekhov
- II Riders to the Sea, J. M. Synge
- III Lithuania, Rupert Brooke

- iii) No text book is recommended for Unit II, but a few books that may be used for this Unit are listed towards the end Unit II shall consist of the following:

UNIT I

- Q1.** It shall consist of five short questions (not exceeding 100-120 words) out of which a student will be expected to attempt any three. This question shall be based upon the prescribed text *Varieties of Expression* and cover a wide range of issues, topics and problems. It shall consist of 9 marks.
- Q2.** It shall consist of two long questions (not exceeding 300-350 words) out of which a student will be expected to attempt only one. This question shall have internal choice, be based upon the prescribed text *Varieties of Expression*. This shall carry 6 marks.
- Q3.** It shall exclusively be a test of vocabulary, but designed strictly on the lines of various exercises given at the end of each chapter in the prescribed text. The candidate shall be given five words in one column and asked to match them with words/meanings in the next column. This shall carry 5 marks.

UNIT II

- Q4.** It shall consist of an Unseen Passage for Comprehension (not more than 800 words), with minimum six questions at the end. These questions should be designed in such a way that we are able to test a student's comprehension ability, language/presentation skills and vocabulary etc. This question shall be of 8 marks.
- Q5.** This will test a student's ability to write a précis, a passage of about 150 words shall be given and the students shall have to write a précis of about 70 words (including title). This question shall carry 5 marks.
- Q6.** This question shall test a student's ability to write letters of various kinds (Business/letter to editor). The student will attempt one out of the two given. 7 marks.

**B.Sc. (Fashion Designing)
Semester-III**

Sr. No	Subject	Credit Hours			Theory Marks			Practical Marks			Total
		T	P	Total	Paper	Int. Ass	Total	Paper	Int. Ass	Total	
1	Fashion Illustration on computer	-	4	4	-	-	-	60	15	75	75
2	Garment Design-III	-	4	4	-	-	-	60	15	75	75
3	Traditional Textiles	3	2	5	40	10	50	40	10	50	100
4	Garment Construction-III	-	4	4	-	-	-	60	15	75	75
5	Pattern Making-I	4	4	8	40	10	50	60	15	75	125
6	Fabric Construction-I	3	2	5	40	10	50	40	10	50	100
7	Fashion Concepts-I	3	-	3	40	10	50	-	-	-	50
	Total			33							600

1. FASHION ILLUSTRATION ON COMPUTER Practical
2. GARMENT DESIGN-III Practical
3. TRADITIONAL TEXTILES Theory and Practical
4. GARMENT CONSTRUCTION-III Practical
5. PATTERN MAKING-I Theory and Practical
6. FABRIC CONSTRUCTION-I Theory and Practical
7. FASHION CONCEPTS-I Theory

Semester-III
FASHION ILLUSTRATION ON COMPUTER

PRACTICAL
OBJECTIVES:

To acquaint students with knowledge of CAD based application in fashion designing.

Instructions for the paper setter:

1. Practical paper will be of 3 hours duration
2. Question paper should cover all the topics
3. Internal choice may be given in all questions

Credit: 4pds/week

Time: 3hrs.

Total Marks:75

Exam: 60

Int. Ass.: 15

1. Croqui drawing
2. Designing of casual and formal women wear incorporating the following fashion details
Collar- Peter pan, Cape, Mandarin, Shawl and Shirt Collar.
Sleeve- Puff, Raglan, Kimono, Leg-o-mutton, and Bell.
Skirts- A-line, gathered, gored, pegged, circular, tiered and skirt with yokes.
Trousers with pockets

Recommended readings:

Corel Draw X4 in simple steps- Dream tech press.

Saxsena, S. A First course in Computers. Vikas Publishing House Pvt Ltd.

User Guide for the Softwares (coral draw and Photoshop).

Tallon K., "Digital Fashion Illustration – with Photoshop & Illustrator", BT Bats ford, London (2008).

Beasley Alison, "Computer aided Pattern Design and Product Development", Blackwell Science, UK.

Semester-III
GARMENT DESIGN-III

PRACTICAL
OBJECTIVES:

To enable students to understand:

Designing of adult garments

Style interpretation and material estimation of different garments

Instructions for the paper setter:

1. Practical paper will be of 3 hours duration
2. Question paper should cover all the topics
3. Internal choice may be given in all questions

Credit: 4pds/week
Time: 3hrs.

Total Marks: 75
Exam : 60
Int. Ass: 15

1. Design & style read; suggest fabrics, notions & estimate the fabric for the following adult garments.

Western wear

Casual (skirt, top, jump suits, one piece dress)

Formal (trouser, jacket, evening gown)

Casual

Formal

Sports wear

Night wear

Martin D., "Big Book of Fashion illustration", United Kingdom, Bats ford, London (2007).

Seaman J. and Allen A., "Fashion Drawing", Om Books Internationals (Bats ford Ltd.).

"Pattern Designs for Haute Couture", Wongswang Press Co. Ltd.

Tortora P., "Encyclopedia of Fashion Accessories", Fairchild Publications Inc. (2003).

Charlotte M. C., "Fairchild's Dictionary of fashion", Fairchild Books, New York.

Foster W., "How to draw and Paint Fashion", Walter Foster Publishing's, California.

Bou Clair, "Simplicity".

Singhal R. and Bharati K., "Fashion Rendering", Om Books Internationals, Noida.

Bhargav R., "Design Ideas & Accessories", B.Jain Publisher's Ltd., New Delhi.

Fernandez A. and Roig G. M., "Drawing for Fashion Designers".

Mc Cullum G. L., "4000 Flower & Plant Motifs", a sourcebook, BT Bats ford, London.

Design books- Trousseau collection, hurley's, The Bombay Coatalogue, Moda,

Ruupam, Venus, Khushboo trend setter.

Kathryn, M. & Janine, M. (1999). Illustrating Fashion. Blackwell.

Bina, A. (2005). Fashion Sketchbook. Om Book.

Kathyrn, M. (2001). Fashion Source Book. Om Book.

Ireland, J.P. (2005). Fashion Design Drawing & Presentation. Om Book.

Ireland, J.P. (1995). Fashion Design Illustration Children. B.T. Batsford.

Martin, D. (2005). New Fashion Illustration. Page One.

**Semester-III
TRADITIONAL TEXTILES**

THEORY

OBJECTIVES:

To impart knowledge of traditional textiles.

To impart knowledge of different fabrics, stitches, motifs and colours used in traditional embroideries.

Instructions for the paper setter:

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory, carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8 x 5 =40)

Credit: 3pds/week

Time: 3hrs.

Total Marks: 50

Exam: 40

Int. Ass.: 10

UNIT-I

1. Resist dyed textiles-
Bandhani of Gujarat and Rajasthan
Patola of Gujarat
Ikat of Orissa
Pochampalli of Andhra Pradesh

UNIT-II

2. Printed Textiles of Rajasthan- Sanganeri textiles, Bagru and Ajrakh
3. Painted textiles- Kalamkari
4. Batik

UNIT- III

5. Kashmir shawls
6. Kashmir carpets, Namda, Gaba

UNIT-IV

7. Traditional Woven Textiles
Brocade
Jamdani
Baluchari
Chanderi
Maheshwari
Kanjivaram

Recommended Readings:-

Lynton Linda, "The Sari", Thames and Hudson Ltd, London, 1995

Chattopadhaya K, "Handicrafts and Industrial Arts of India", Taraporevala sons & co. Pvt. Ltd. Mumbai, 1960.

Chattopadhaya K, " Handicrafts of India", Wilsey Eastern Ltd., New Delhi.

Saraf D.N, "Indian Crafts", Vikas Publishing House Pvt. Ltd. 1982

Paine Sherla, "Embroidered Textiles", Thames and Hudson Ltd, 1990.

Das, Shukla, "Fabric Art- Heritage of India", Abhinav Publications, New Delhi, 1992.

Gillow J and Barnard Nicholas N, "Traditional Indian Textiles, Thames and Hudson, 1993.

Semester-III
TRADITIONAL TEXTILES

PRACTICAL
OBJECTIVES:

To enable students to understand:

Traditional /Regional Crafts and Textiles.

Care & storage techniques of Traditional Textiles and Costumes exhibited in various museums.

Instructions for the paper setter:

1. Practical paper will be of 3 hours duration
2. Question paper should cover all the topics
3. Internal choice may be given in all questions

Credit: 2hrs/week

Time: 3hrs.

Total Marks : 50

Paper : 40

Int. Ass. : 10

1. Identification of various Traditional Textiles.
2. Collection of swatches/photographs to study the motifs, designs and colours of the Traditional Textiles
3. Craft documentation
Study of any traditional/regional craft
Report writing
4. Visit to museum to acquaint the students with different techniques of care & storage of Traditional Textiles and costumes of India.

Note: No question paper shall be set.

Presentation of the craft documentation will be evaluated by an external examiner.

Recommended Readings:-

Lynton Linda, "The Sari", Thames and Hudson, London, 1995

Chattopadhaya K, "Handicrafts and Industrial Arts of India", Taraporevala sons & co. Pvt. Ltd. Mumbai, 1960.

Chattopadhaya K, " Handicrafts of India", Wilsey Eastern Ltd., New Delhi, 1995.

Saraf D.N, "Indian Crafts", Vikas Publishing House Pvt. Ltd. 1982.

Paine Sherla, "Embroidered Textiles", Thames and Hudson Ltd, 1990.

Das, Shukla, "Fabric Art- Heritage of India", Abhinav Publications, New Delhi, 1992.

Gillow J and Barnard Nicholas N, "Traditional Indian Textiles, Thames and Hudson, 1993.

Agarwal, O.P, "Care and Presentation of Museum Projects-II", NRL, 1977.

**Semester-III
GARMENT CONSTRUCTION-III**

**PRACTICAL
OBJECTIVES:**

To acquire construction skills for children's garments.

Instructions for paper setters

There will be only one question including drafting (15 marks), cutting (10 marks) and construction & finishing (35 marks) of any one garment.

Credit: 4pds/week
Time: 3hrs.

Total Marks: 75
Exam: 60
Int. Ass.: 15

1. Construction of following Sleeve samples developed in Pattern Making
Puff, Bell, Cap, Kimono, Reglan, Magyar, Leg-o-mutton, Petal
 2. Construction of following Collar samples developed in Pattern Making
Peter Pan, Baby, Sailor, Cape, Mandarin, Shawl, Polo neck, Convertible
- Project:** Yoked frock with sleeve and collar

Recommended readings:

Thomas Anna Jacob, 'The Art of Sewing', UBS Publishers Distributors Ltd., New Delhi, 1994.

Readers digest sewing Book

Verma G, "Cutting and Tailoring Theory", Asian Publishers, Delhi, 1999.

Armstrong Helen Joseph, "Pattern making for fashion designing".

Mullick Prem Lata, "Garment construction Skills".

**Semester-III
PATTERN MAKING-I**

**THEORY
OBJECTIVES:**

To impart knowledge of different aspects of Pattern Making.

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

Credit: 4pds/week
Time: 3hrs.

Total Marks: 50
Exam: 40
Int. Ass.: 10

UNIT-I

1. Terminology used in Pattern making: Pattern drafting, flat pattern making, template, working pattern, production pattern, design specification sheet, pattern chart, cost-sheet, grain, dart, dart legs, dart intake, trueing and blending, symmetric and asymmetric lines, style number, pattern size. Pivotal point and pattern manipulation, style reading pattern making tools.

UNIT-II

2. Anthropometric measurements
Locating landmarks and its importance
Taking body measurements and their grouping for different garments
Precautions to be taken during body measurements

UNIT-III

3. Methods of Pattern Development
Flat Pattern Method
Drafting
Methods of dart manipulation- Slash and Spread, Pivot Method
Draping
Merits and demerits of drafting and draping

UNIT-IV

4. Fitting problems and remedies related to bodice
Bust- High Bust, Low Bust, Large Bust, small bust
Shoulders- Narrow Shoulder, Broad Shoulder, Square Shoulder, Sloping Shoulder, Round Shoulder
5. Fitting problems and remedies related to
Sleeve –large upper arm, narrow sleeve
Skirt-large and small derriere, large and small hips , sway back

Semester-III PATTERN MAKING- I

PRACTICAL OBJECTIVE:

To teach different aspects of pattern making.

Instructions for paper setters
Question paper should cover the entire syllabus.

Credit: 4pds/week
Time: 3hrs.

Total Marks: 75
Exam: 60
Int. Ass.: 15

- 1) Drafting of child's bodice block and sleeve block.

2) Drafting and adaptation of the following:

Sleeves:

**Puff
Bell
Cap
Kimono**

**Reglan
Magyar
Leg-o-mutton
Petal**

Collars:

**Peter Pan
Baby
Cape
Mandarin**

**Shawl
Sailor
Polo neck
Convertible**

Recommended readings:

Armstrong Joseph Helen, "Pattern Making for Fashion Design".

**Hillhouse and Mansfield, "Dress Design, Draping and Flat Pattern Making",
Houghton Mifflin Company, 1975.**

"Complete Guide to Sewing ", Reader Digest.

Bane Allyne, "Flat Pattern Design, "McGraw Hill Pub, USA

Martin M. Shoben, "Pattern cutting making up", CBS Publishers, New Delhi.

**Pamila C.Stinger (1995). "Pattern drafting for dress making" Augustan Publishers,
Delhi.**

**Semester-III
FABRIC CONSTRUCTION I**

THEORY

OBJECTIVES:

To impart knowledge of fabric manufacture and fabric properties.

To enable students to understand fabric structures and to analyse them.

Instructions for paper setters

- 1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.**
- 2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions.**

Credit: 3pds/week

Time: 3hrs.

Total Marks: 50

Exam: 40

Int. Ass. : 10

UNIT-I

- 1. Terminology –weaving, warp, weft, fabric balance, fabric weight, fabric density, selvedge & its types.**
- 2. Basic loom-
Parts of a simple loom and its functions
Basic motions of weaving**

UNIT-II

3. Different types of loom
 - Shuttle loom
 - Shuttleless loom(rapier, gripper, multiphase, air jet, water jet)
 - Difference between Shuttle and shuttle less loom.

UNIT-III

4. Preparation of yarns for weaving
5. Different types of warping- Sectional warping and Peg warping
6. Weaving
 - Classification of weaves
 - Basic weaves – plain, twill, satin

UNIT-IV

7. Novelty weaves- pile, lappet, leno, swivel, jacquard, dobby
8. Woven fabric defects- float, gout, lashing in, missing ends, selvedge defects

Recommended readings:

- Eric Oxtoby, : “Spun yarn, Technology, Structure and Applications”, Wiley Interscience, NY, 1978.
- Corbman, “Textile Fiber to Fabric”, McGraw Hill(1967).
- Murphy W.S. “ Textile Weaving & Design” Abhishek Publications, Chandigarh, India(2007)
- Tortora, p, “Understanding Textiles”, Macmillan Publishing Co. Inc. New York, (1978).
- Kadolph, Anna, L, Langford, Norma Hollen and Saddler,” Textiles”, MacMillan Publishing company (1993).

Semester-III

FABRIC CONSTRUCTION-I

PRACTICAL

OBJECTIVES:

To understand different weaves.

Instructions for paper setters

Question paper should cover the entire syllabus

Credit: 2pds/week

Time: 3hrs.

Total Marks: 50

Exam: 40

Int. Ass. : 10

1. Graphical representation of Basic weaves using drafting & lifting plan and making samples of the following:
 - Plain weave- Rib & Basket
 - Twill weave- warp faced, filling faced, right hand twill, left hand twill.
 - Satin & Sateen weaves

2. Identification of weaves.

Project work:

Collection of samples of different weaves
Preparation of an article using any weave

NOTE - Visit to Textile Industry

Recommended Readings:

Corbman, "Textile Fiber to Fabric", McGraw Hill(1967).

Tortora, p, "Understanding Textiles", Macmillan Publishing Co. Inc. New York, (1978).

Semester-III FASHION CONCEPTS -I

THEORY

OBJECTIVES:

To create awareness about clothing culture.

To Impact knowledge of clothing communication and fashion expression.

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.

Credit: 3pds/week

Time: 3hrs

Total Marks: 50

Exam: 40

Int. Ass. : 10

SECTION-A

UNIT-I

1. Fashion Terminology:-

Fashion

Fad and clothes

Style & Design

Haute Couture, prêt-o-porter

Hi-Fashion and Mass Fashion

Knock-offs and fords

UNIT-II

2. Elements of Design in general and special reference to clothing

Line

Colour

Texture

Shape/Form

3. Principles of Design in general and special reference to clothing

- Proportion
- Balance
- Rhythm
- Emphasis
- Harmony

UNIT-III

4. Characteristics of Fashion

5. Factor affecting Fashion Moment

- Accelerating
- Retarding

UNIT-IV

6. Fashion Cycle

7. Theories of origin of clothing

- Theory of Protection
- Modesty
- Adornment

8. Length of Fashion Cycle

9. Stages of Fashion Cycle

- Broken Fashion Cycle

SECTION- B

Sessional work- Sessional work will be based on above mentioned topics

Recommended readings:

Kathryn Mikelvey, "Fashion sources book", Blackwed Science, UK
Sharon Le Fate, "Inside Fashion Design", Harper and Row Pub. NY.
Carter L, "The changing World of Fashion," G.P. Panama's Sons, NY
Second skin, "Horn MJ, 1981,

Study of clothing, "Houghm Mifflin Company, Bosien

Kafgen Mary, Individuality in clothing, Houghton Mifflin Company
Dynamics of fashion by Elaine stone

**B.Sc. (Fashion Designing)
Semester-IV**

Sr No	Subject	Credit Hours			Theory Marks			Practical Marks			Total
		T	P	Total	Paper	Int. Ass	Total	Paper	Int. Ass	Total	
1.	Fashion Illustration	-	4	4	-	-	-	60	15	75	75
2.	History of Indian Costumes	4	-	4	40	10	50	-	-	-	50
3.	Traditional Embroideries	3	4	7	40	10	50	60	15	75	125
4.	Fabric Construction-II	3	2	5	40	10	50	40	10	50	100
5.	Garment Construction-IV	-	4	4	-	-	-	60	15	75	75
6.	Pattern Making-II	-	4	4	-	-	-	60	15	75	75
7.	Fashion Concepts-II	3	-	3	40	10	50	-	-	-	50
8.	Knitting	-	2	2	-	-	-	40	10	50	50
	Total			33							600

1. FASHION ILLUSTRATION Practical
2. HISTORY OF INDIAN COSTUMES Theory
3. TRADITIONAL EMBROIDERIES Theory and Practical
4. FABRIC CONSTRUCTION-II Theory and Practical
5. GARMENT CONSTRUCTION-IV Practical
6. PATTERN MAKING-II Practical
7. FASHION CONCEPTS-II Theory
8. KNITTING Practical

**Semester-IV
FASHION ILLUSTRATION**

**PRACTICAL
OBJECTIVES:**

To enable students to understand

- Knowledge of figure sketching and fleshing
- Rendering of textures
- Sketching and illustration of Hand bags and Foot wears.

Credit: 4pds/week
Paper: 3hrs.

M. Marks : 75
Paper : 60
Int. Ass. : 15

Instructions for the paper setter:

1. Practical paper will be of 3 hours duration
2. Question paper should cover all the topics
3. Internal choice may be given in all questions

1. Drawing of croqui and fleshing of figure.

- Eight, ten and twelve headed figure – front, side and ¾th profile
- Drawing of hands, legs, feet and arms
- Facial proportions- eyes, nose, lips and ears
- Drawing of hair/ hairstyles

2. Rendering of following textures by using different colour mediums and techniques-

- Chiffon
- Chikan
- Corduroy
- Denim
- Fur
- Net
- Satin
- Velvet

3. Sketch and illustrate following accessories:

- Footwear
- Handbags

Recommended Readings:

- Singhal R. and Bharati K., “Fashion Rendering”, Om Books Internationals, Noida.
- “Fashion Drawing Designs”, Bookwise India Pvt. Ltd., The Variety Book Depot, New Delhi.
- Tortora P., “Encyclopedia of Fashion Accessories”, Fairchild Publications Inc. (2003).
- Dawber M., “New Fashion Illustration”, BT, Bats ford.
- “Pattern Designs for Haute Couture”, Wongswang Press Co. Ltd.
- Bhargav R., “Design Ideas & Accessories”, B.Jain Publisher’s Ltd., New Delhi.

Fernandez A. and Roig G. M., "Drawing for Fashion Designers".
 Lafuente M, "Fashion Illustration Techniques", Evergreen GmbH, Koln (2008).
 Martin D., "Big Book of Fashion illustration", United Kingdom, Bats ford, London (2007).
 Borrelli L., "Fashion Illustration Next", Chronicle Books LLC, United States (2004).
 Kathryn, M. & Janine, M. (1999). Illustrating Fashion. Blackwell.
 Bina, A. (2005). Fashion Sketchbook. Om Book.
 Kathryn, M. (2001). Fashion Source Book. Om Book.
 Ireland, J.P. (2005). Fashion Design Drawing & Presentation. Om Book.
 Ireland, J.P. (1995). Fashion Design Illustration Children. B.T. Batsford.
 Martin, D. (2005). New Fashion Illustration. Page One.

**Semester-IV
 HISTORY OF INDIAN COSTUMES**

THEORY

OBJECTIVES:

To acquaint the students with different types of Ancient Indian costumes.

Instructions for paper setters

1. There will be total nine questions carrying equal marks
2. Two questions will be set from each unit and one compulsory question carrying short answer type questions from the whole syllabus
3. Five questions will be attempted in all, selecting one question from each section and the compulsory question.

**Credit: 4pds/week
 Time: 3hrs.**

**Total Marks: 50
 Exam: 40
 Int. Ass.: 10**

Study of Indian costumes including male and female dresses, ornaments, headgear, hairstyles and footwear worn during following periods.

UNIT-I

Indus Valley Period

Evolution of costumes from Vedic period to Gupta period.

UNIT-II

Mughal Period

British Period

Study of traditional costumes including male and female dresses, ornaments, headgear and footwear of the following states

UNIT-III

**Jammu & Kashmir
 Himachal Pradesh
 Punjab & Haryana
 Rajasthan**

UNIT-IV

Assam

West Bengal

Gujarat

Maharashtra

**NOTE: - Screening of period and regional Film -
Visit to museums**

Recommended readings:

Biswas,A.(2003). Indian Costumes.New Delhi:Publication Division

Pathak,A.(2006).Indian Costumes. New Delhi: Lustre press, Roli books.

Ghurye, G.S. (1966). Indian Costumes. Bombay: The popular Book Depot.

Brij Bhushan,J .(1958).The costumes and textiles of India. Bombay: Taraporevala sons & Comp. Pvt. Ltd.

Bhatnagar, P. (2004).Traditional Indian Costumes and Textiles .Chandigarh: Abhishek Publications.

Bhatnager,P.(2000).Decorative Design History in Indian Textiles and Costumes.Chandigarh: Abhishek Publications.

Ayyar,S.(1987).Costumes & ornaments as depicted in the sculptures of Gwalior Museum, Mittal Publications.

Kumar.R. (1999) Costumes and Textiles of Royal India. Christies Book Ltd., London.

Alkazi,R. (2006).Ancient Indian Costumes. Art heritage, New Delhi.

Dar, S.N. (1961).Costumes of India & Pakistan: A historical and cultural study. Taraporevala sons & Comp. Pvt. Ltd., Bombay

Gupta, S.P. (1973).Costumes, Textiles, cosmetics and coiffure in ancient and mediaeval India.Delhi:Oriental Publications.

Watson,J,F.(1982).Textiles Manufacturers and the Costumes of the people of India.Varanasi:Indological Book House.

Goswamy,B.N.(2002).Indian Costumes II.Patkas:A costume Accessory in the collection of the calico Museum of Textiles. Ahmedabad:Calico Museum of Textiles.

Semester-IV TRADITIONAL EMBROIDERIES

THEORY

OBJECTIVES:

1. To impart knowledge of various motifs, colours and designs used in Traditional embroideries of India.
2. To impart knowledge of stitches and techniques used in traditional embroideries of

1. There will be total nine questions carrying equal marks
2. Two questions will be set from each unit and one compulsory question carrying short answer type questions from the whole syllabus
3. Five questions will be attempted in all, selecting one question from each section and the compulsory question.

Credit: 3pds/week
Time: 3hrs.

Total Marks : 50
Paper : 40
Int. Ass. : 10

(To study the following traditional embroideries of India with special reference to history, fabrics, motifs, colours, threads and stitches used)

UNIT- I

1. Phulkari of Punjab
2. Chamba Rumal of Himachal Pradesh

UNIT- II

3. Kashida of Kashmir
4. Chikankari of Uttar Pradesh

UNIT- III

5. Kutch Embroidery of Gujarat
6. Sindhi and Kathiawar Embroidery
7. Manipuri Embroidery

UNIT- IV

8. Kantha of Bengal
9. Kasuti of Karnataka

Recommended Readings:

Saraf D.N, "Indian Crafts", Vikas Publishing House Pvt. Ltd. 1982

Naik Shailaja D, "Traditional Embroideries of India", APH Pub. Corp, New Delhi, 1996

Paine Sherla, "Embroidered Textiles", Thames and Hudson Ltd, 1990

Chattopadhyay K, "Indian Embroidery", Wiley Eastern Ltd., New Delhi, 1977.

Morrell A, "The techniques of Indian Embroidery", B.T. Batsford, London, 1992.

Mehta J. Rustom, "Master pieces of Indian Textiles", D.B.Taraporevala, Bombay (1970).

Pandit S., "Indian Embroidery- its variegated charms", Vinubhai Patel Baroda, 1976.

Semester-IV

TRADITIONAL EMBROIDERIES

PRACTICAL

OBJECTIVES:

To acquaint the students with the different fabrics, stitches, motifs and colours used in traditional embroideries.

Instructions for the paper setter:

1. Practical paper will be of 3 hours duration
2. Question paper should cover all the topics
3. Internal choice may be given in all questions

Credit: 4pds/week
Time: 3hrs.

Total Marks: 75
Exam: 60
Int. Ass.: 15

1. Making of Samples of the following traditional embroideries

- a) Kantha of Bengal
- b) Kasuti of Karnataka
- c) Phulkari of Punjab
- d) Chikankari of Uttar Pradesh
- e) Kutch Embroidery of Gujarat
- f) Sindhi Embroidery

1. Simpson J, "Embroidery", Octopus Books Ltd., London, 1977.
2. Webb M, "Embroidery Stitches", Bounty Books London, 2006.
3. Eaton J, "The Complete stitch Encyclopedia", Quantum Publishing Ltd., 2004.
4. Griffiths A, "An Introduction to Embroidery", Grange Books London, 1995.
5. The Big Book of Needle Craft by Ohmas.
6. Amanda N, Needle work and Sewing Tech. Grange Books, Grange Yard, London, 1991.
7. Pandit S., "Indian Embroidery- its variegated charms", Vinubhai Patel Baroda, 1976.
8. Mehta J. Rustom, Master pieces of Indian Textiles, D.B.Taraporevala, Bombay (1970).
9. Chattopadhyay k., "Handicrafts and Industrial Arts of India", Taraporevala sons & co. Pvt. Ltd.Mumbai, 1960.
10. Gillow John & Barnard Nicholas, "Traditional Indian Textiles", Thames & Hudson Ltd. London (1991)
11. Mc Cullum G. L., "4000 Flower & Plant Motifs", a sourcebook, BT Bats ford, London.
12. Mistry, Nirmala C., "Embroidery designs", Navneet Publications Ltd

**Semester-IV
FABRIC CONSTRUCTION-II**

THEORY

OBJECTIVES:

- To impart knowledge of fabric manufacture and fabric properties.
- To enable students to understand fabric structures and to analysis them.

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions.

Credit: 3pds/week
Time: 3hrs.

Total Marks: 50
Exam: 40
Int. Ass. : 10

UNIT-I

1. Knitting –

Terminology – Wales, course, single knit, double knit, gauge, stitch density, stitch length, loop.

Types of knitting- warp knitting & weft knitting

Properties of knitted fabric

Difference between Knits and woven.

UNIT-II

2. Knitting machines- flat bed & circular
3. Different types of knitting machine needles and their working
4. Knitted fabric defects

UNIT-III

5. Non woven methods of fabric construction: process, properties and end-uses
 - Felting
 - Bonding
 - Needle Punching

UNIT-IV

6. Methods of decorative fabric construction
 - Lace making
 - Netting
 - Braiding
 - Knotting

Recommended readings:

Brackenbury Terry, “Knitting Clothing Technology” Black well Science, UK(1992)

Spencer David J, “Knitting Technology” Pergeman Press, UK(1983).

Eric Oxtoby, “Spun yarn, Technology, Structure and Applications”, Wiley Interscience, NY, 1978.

Corbman, “Textile Fiber to Fabric”, McGraw Hill(1967).

Prof. Ajgaonkar D.V, “Knitting Technology” University Publishing Co. Mumbai(1998)

Tortora, p, “Understanding Textiles”, Macmillan Publishing Co. Inc. New York, (1978).

Kadolph, Anna, L, Langford, Norma Hollen and Saddler, “Textiles”, MacMillan Publishing company (1993).

Semester-IV FABRIC CONSTRUCTION-II

PRACTICAL

OBJECTIVES:

To acquire skills for various fabric construction techniques.

Credit: 2pds/week

Time: 3hrs.

Total Marks: 50

Exam: 40

Int. Ass.: 10

Instructions for paper setters

Question paper should cover the entire syllabus

1. Making of samples of different knots using Macramé.

2. Making of samples of Crochet.
3. Making samples of Narrow fabrics by Brading and Traditional Tape weaving (Naala making)

Project work: Make an article using any technique.

Recommended Readings:

Reader's Digest Complete Guide to Needle Work ,The Reader's Digest Association, one Pleasantville, New York(Montreal,1979).

Walters J. & Cosh S. " Crochet" Octopus Book Ltd., London(1980)

Semester-IV GARMENT CONSTRUCTION-IV

**PRACTICAL
OBJECTIVES:**

To acquire construction skills for basic garments for children.

Instructions for paper setters

There will be only one question including drafting (15 marks) cutting (10 marks) and construction & finishing (35 marks) of any one garment.

Time: 4pds/week

Time: 3hrs

Total Marks: 75

Exam: 60

Int. Ass.: 15

1. Drafting and construction of:

Jhabla

Panty

Bloomer

Romper

Night suit

Recommended readings:

Thomas Anna Jacob, " The Art of Sewing" UBS Publishers Distributions Ltd, New Delhi, 1994

Readers Digest-Sewing Book

Verma G, "Cutting and Tailoring Theory" Asian Publishers, Delhi, 1999

Armstrong Helen Joseph, "Pattern making for Fashion Designing".

Mullick Prem Lata, 'Garment Construction Skills'.

Semester-IV PATTERN MAKING-II

**PRACTICAL
OBJECTIVES:**

To teach different aspects of pattern making

Instructions for paper setters

Question paper should cover the entire syllabus and project work will not be included in the examination.

Credit: 4pds/week

Time: 3hrs.

Total marks:75

Exam : 60

Int. Ass.:15

- 1) Drafting of adult bodice block and sleeve block.
- 2) Preparation of muslin pattern and test fit.
- 3) Dart manipulation (slash Spread Techniques, Pivotal)
 Single Dart
 Two Dart
- 4) Stylelines
 Classic Princess styleline
 Armhole Princess

Project: Blouse with princess seam line.

Recommended readings:

Armstrong Joseph Helen, "Pattern Making for Fashion Design".

Hillhouse and Mansfield, "Dress Design Draping, and Flat Pattern Making",

Houghton Mifflin Company, 1975

Complete Guide to Sewing, "Reader Digest".

Bane Allyne, "Flat Pattern Design, "McGraw Hill Pub, USA

Martin M. Shoben, "Pattern cutting making up", CBS Publishers, New Delhi.

Pamila C.Stinger (1995). "Pattern drafting for dress making" Augustan Publisher, Delhi.

Semester-IV FASHION CONCEPTS-II

THEORY

OBJECTIVES:

To create awareness about clothing culture.

To Impact knowledge of clothing communication and fashion expression.

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.

Credit: 3pds/week

Time: 3hrs.

Total Marks: 50

Exam: 40

Int. Ass.: 10

SECTION-A

UNIT-I

1. Brief explanation of the following:
 - a) Fashion Trends
 - b) Designer
 - c) Boutiques
 - d) Silhouette
 - e) Croquis
 - f) Exhibition
 - g) Fashion Show
 - h) Ensemble
 - i) Label

UNIT-II

2. Theories of fashion
 - a) Trickle down theory
 - b) Trickle across theory
 - c) Bottom up theory

UNIT-III

3. Source of inspiration
4. Fashion supplies:
 - a) Primary supplies
 - b) Secondary supplies
5. Concepts of design process

UNIT-IV

6. Fashion forecast
7. Fashion leaders

SECTION- B

Sessional work- Sessional work will be based on above mentioned topics

Recommended readings:

- Kathryn Mikelvey, "Fashion sources book", Blackwell science, UK
- Sharon Le Fate, "Inside Fashion Design", Harper and Row Pub. NY.
- Carter L, "The changing World of Fashion," G.P. Putnam's Sons, NY
- Second skin, "Horn MJ, 1981,
- Study of clothing, "Houghton Mifflin Company, Boston
- Kafgen Mary, Individuality in clothing, Houghton Mifflin Company
- Dynamics of fashion by Elaine Stone

Semester-IV KNITTING

PRACTICAL OBJECTIVES

To enable students to develop practical skills of knitting.

Credit: 2pds/week

Time: 3hrs.

Total Marks: 50

Exam : 40

Int. Ass. : 10

Instructions for Paper setters

Question paper should cover the entire syllabus

Knitting Abbreviations

Tools & material

Preparation of hand knitting samples

Basic Stitches- Rib, Moss, Garter & Single Jersey

Texture

Laces

Cables

Fair-isle

Preparation of machine knitting samples(Flat –bed machine)

Rib (1x1, 1x2)

Tuck

Project work: To make Baby Set by knitting

Recommended readings:

Reader's Digest Complete Guide to Needle Work, The Reader's Digest Association, one Pleasantville, New York(Montreal,1979).

Collins & Brown " Complete Knitting- Techniques and Project" Creative Homeowner, NJ(2006)

**B.Sc. (Fashion Designing)
Semester-V**

Sr. No	Subject	Credit Hours			Theory Marks			Practical Marks			Total
		T	P	Total	Paper	Int. Ass	Total	Paper	Int. Ass	Total	
1.	Pattern And Marker Making On Computer-I	-	4	4	-	-	-	60	15	75	75
2.	Pattern Making-III	-	4	4	-	-	-	60	15	75	75
3.	Line Development and Portfolio-I	-	6	6	-	-	-	100	25	125	125
4.	History of World Costumes	4	-	4	40	10	50	-	-	-	50
5.	Garment Construction-V	-	4	4	-	-	-	60	15	75	75
6.	Apparel Manufacturing Technology	3	-	3	40	10	50	-	-	-	50
7.	Textile Dyeing	3	2	5	40	10	50	40	10	50	100
8.	Internship	-	1	1	-	-	-	80	20	100	100
	Total			31							650

1. **PATTERN AND MARKER MAKING ON COMPUTER-I Practical**
2. **PATTERN MAKING-III Practical**
3. **LINE DEVELOPMENT AND PORTFOLIO-I Practical**
4. **HISTORY OF WORLD COSTUMES Theory**
5. **GARMENT CONSTRUCTION-V Practical**
6. **APPAREL MANUFACTURING TECHNOLOGY-I Theory**
7. **Textile Dyeing Theory, Practical**
8. **INTERNSHIP Practical**

Semester-V
PATTERN AND MARKER MAKING ON COMPUTER-I

PRACTICAL
OBJECTIVES:

To apply the knowledge of pattern making software for making patterns and grading.
To develop the skill of computer aided pattern making.

1. There will be two questions covering the entire syllabus.
2. Each question can be sub-divided into parts according to the paper setters.

Credit: 4pds/week
Time: 3hrs.

Total Marks: 75
Exam: 60
Int. Ass: 15

1. Introduction to Pattern making software and familiarization with its tools namely toolkit, dart, pleat, segment, piece, seam, standard, rotate, internal, walk, view, point, fabric and stripes.
2. Develop basic block patterns of the following using the tools of Lectra/ Tuka CAD/ Optitex/ Gerber/ Rich peace or any other software for Pattern Making:
Child bodice-block
Sleeve block
Basic Skirt
Basic Trouser
3. Grading of the above patterns
4. Making summary report and pattern card of all the patterns.
5. Practice exercises

Recommended readings:

Tuka Cad User Manual

Veisinet DD, "computer Aided Drafting and Design- Concept and Application", 1987.

Taylor P, "computers in Fashion Industry", Heinemann Pub., 1990.

Aldrich Winfred, "CAD in clothing and Textiles", Blackwell Science, 1994.

Semester-V
PATTERN MAKING-III

PRACTICAL
OBJECTIVES:-

To impart pattern development skills to the students

Instructions for paper setters

1. There will be two questions covering the entire syllabus.

2. Each question can be sub-divided into parts according to the paper setters.

Credit: 4pds/week
Time: 3hrs.

Total Marks: 75
Exam: 60
Int. Ass.: 15

1. Drafting of basic skirt block
2. Adaptation of basic skirt to the following skirt:-
 - A-line
 - Full circular
 - Flared
 - Gored
 - Yoke
 - Tier
 - Peplum
 - Pleated
3. Grading of the following:-
 - Basic bodice & Sleeve
 - block Basic skirt

Recommended readings:

Armstrong Joseph Helen, "Pattern Making for Fashion Design".

Martin M. Shoben, "Pattern cutting making up", CBS Publishers, New Delhi.

Pamila C. Stinger (1995). " Pattern drafting for dress making" Augustan Publishers, Delhi.

Jaefje Hilde and Relis Nurie, "Draping for Fashion Design", Prentice Hall
Crawford Amaden, "The Art of Fashion Draping", Fairchild Publishers.

Goulbourn Margartha, "Introduction Pattern Cutting, Grading and Modeling," Batsford Pub., U.K.

SEMESTER-V LINE DEVELOPMENT & PORTFOLIO-I

**PRACTICAL
OBJECTIVE:**

To enable the students to apply the principles and knowledge of garment design development to create a collection.

To understand the meaning and importance of making a good portfolio.

Identify, organize, and gather documentation to build porfolios.

Credit: 6pds/week

Total Marks:125
Int. Ass: 25
Ext. Ass: 100

Line Development

1. Study of fashion forecast
2. Conceptualization of theme, mood board, designing and illustration, style reading, fabric sourcing, pattern development, spec sheet, construction.

3. Presentation of the theme and the sourcing.

Portfolio development

- 4. Introduction to Portfolio development**
 - a) Purpose of a portfolio**
 - b) Module Design.**

Note:

- 1. There will be no exam.**
- 2. The marks will be awarded by the external examiner on the basis of presentation only.**

Recommended readings:

Ireland Patrick John, "Fashion Design Drawing and Presentation", BT Batsford, London, 1996.

Elizabeth Drudi, "Figure Drawing for Fashion Design", The Pepin Press, 2010.

Allen and seaman, "Fashion Drawing- The basic Principles", BT Batsford, London, 1996

**Fashion Magazines : Vogue, Marie Claire,
Fashion Catalogues**

Images Business

Internet; Dot Coms; CDs on fashion shows

Ritu, "Fashion Design and Illustrations", India Publishers.

Beasley Alison, "Computer Aided Pattern Design and product.

Semester-V

HISTORY OF WORLD COSTUMES

THEORY

OBJECTIVES:

To acquaint the students with different types of world costumes.

Credit: 4pds/week

Time: 3 hrs

Total Marks : 50

Exam: 40

Int. Ass.: 10

Instructions for paper setters:

- 1. There will be total nine questions carrying equal marks.**
- 2. Two questions will be set from unit and one compulsory question carrying short answer type questions from the whole syllabus.**
- 3. Five questions will be attempted in all selecting one question from each section and the compulsory question.**

Study of world costumes including male and female dresses, hairstyles, headgear, ornaments, accessories, significant motifs and textiles used in the following civilizations.

**Egypt
Greek**

UNIT-I

**Rome
Byzantine**

UNIT-II

UNIT-III

French
Middle ages
Renaissance Period

UNIT-IV

NOTE:

Screening of period Film
Visit to museums

Recommended Readings

- Davenport, M. (1962). *The Book of Costumes*. NY: Crown Publishers.
- Laver, J. (N.D.). *The Concise History of Costume and Fashion*. NY : Harry N. Abrams, Inc Publishing
- Rachinet, A. (N.D.). *The Costume History*. Hong Kong : Taschen.
- Black, A. and Garland, M.(1985). *A History of Fashion*. London: Orbis publishing Ltd.
- Baker, G.D. (2000). *A Handbook of Costume Drawing (2nd ed.)*. MA: Focal Press.
- Lister M. (1968). *Costume: An Illustrated Survey from Ancient times to the Twentieth Century*. Lodon : Barrie & Jenkins.
- Arnold, J.(1973). *A Handbook of Costume*: NY: Macmillan.
- Batterberry, A. & M. (1982). *Fashion: The Mirror of History*. NY: Greenwich House.
- Scott, J.C. (1997). *The illustrated Encyclopedia of Costume and Fashion from 1066 to the present*. London: Brockhampton.
- Barton, L. (1935). *Historic Costume for the stage*. London: Adam & Charles Black.
- Hanson, H.H. (1956). *Costume Cavalacade*. London: Methven & Co. Ltd.
- Milker, C. (1993). *The Timeline of World Costume*. London: Thomas & Hudson.
- Allen, A. *The Stroy of Clothes*. London: Faber & Faber.
- Planche, J.R. (2001).*History of British Costumes, Johnson’s Canons, Wilkin’s Concilia*.
- Bradley, Carolyn G., & Wastern. (1955). *World Costume, British Commonwealth*.
- Parey, L. *The Victoria and Albert Museum’s Texitle Collection British Textiles from 1850 to 1900.V and A Publications*.
- Consgrave B. (2000). *Costume & Fashiona A complete history*. Octopus publishing group Ltd.

Semester-V

GARMENT CONSTRUCTION-V

PRACTICAL

OBJECTIVES:

To acquire construction skills for different garments.

Instructions for paper setters

1. There will be only one question including drafting (15 marks) cutting (10 marks) and construction & finishing (35 marks) of any one garment.

Credit: 4pds/week
Time: 3hrs.

Total Marks: 75
Exam: 60
Int. Ass.: 15

1. Construction of Blouse from the test fit.
2. Drafting, adaptation and construction of:
Petticoat
Nighty
Salwaar & Kameez

Recommended readings:

Thomas Anna Jacob, "The Art of Sewing" UBS Publishers Distributions Ltd, New Delhi, 1994

Readers Digest-Sewing Book.

Verma G, "Cutting and Tailoring Theory" Asian Publishers, Delhi, 1999

Armstrong Helen Joseph, "Pattern making for Fashion Designing".

Mullick Prem Lata, 'Garment Construction Skills'.

**Semester-V
APPAREL MANUFACTURING TECHNOLOGY**

THEORY

OBJECTIVES:

To impart quality consciousness and awareness of quality parameters required for apparel quality products.

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

Credit: 3pds/week
Time: 3hrs.

Total Marks: 50
Exam: 40
Int. Ass.: 10

UNIT-I

1. Brief study of various departments of apparel manufacturing unit:-
Design
Sourcing
Preproduction
Production
Distribution

UNIT-II

2. Introduction to Quality Control
Importance of Quality Assurance
Stages of Quality Control (Design to Despatch)

UNIT-III

- 3. Garment Finishing and Inspection**
 - Concept of Inspection**
 - Types of Inspection**
 - i) Raw - material Inspection**
 - ii) In-process Inspection**
 - iii) Final Inspection**

UNIT-IV

- 4. Packaging**
 - Concept and Importance**
 - Types of Packaging**
 - Materials used in Packaging**
- 5. Labelling**
 - Concept and Importance**
 - Types of Labelling**
 - Care labels and Ecolabelling (Concept and Importance)**
 - Care labeling Systems**

Visit to an apparel manufacturing unit.

Recommended readings:

Metha, V Pradip, "Quality control in Apparel industry", NIFT Pub., New Delhi, 2001.

Carr Harold and Latham Barbara, "The technology of clothing manufacture', Oxford Pub. USA, 1994.

Chuttler AJ, "Introduction to clothing production Management', Blackwell science, U.K., 1998.

Cooklin Gerry, "Introduction to clothing manufacture", Blackwell Science, UK, 1991.

Ruth EC, "Apparel manufacturing and Sewn product analysis",

Carr Harold and Latham Barbara, "The technology of clothing manufacture', Oxford Pub.

Chuttler AJ, "Introduction to clothing production Management', Blackwell science, U.K.,

Bheda Rajesh, "Managing Productivity in the Apparel industry", CBS Pub., New Delhi.

Semester-V TEXTILE DYEING

THEORY

OBJECTIVES:

To acquaint students with different types of dyeing and methods of dyeing.

Instructions for paper setters

1. There will be total nine question carrying equal marks, two questions from each unit and one compulsory question and students will have to attempt five questions in all.
2. Question No. 1 will be compulsory carrying comprising short answers from all the units, fill in the blanks or true/false.
3. Each question will carry eight marks.

Credit: 3pds/week
Time: 3hrs.

Total marks: 50
Exam: 40
Int. Ass.: 10

1. Introduction to Dyes
2. Difference between Dyes and Pigments
3. Classification of Dyes
 - a. Natural Dyes: Vegetable, Animal and Mineral Dyes
 - b. Synthetic Dyes: Acid, Basic, Direct, Vat, Sulphur, Reactive and Disperse Dyes

UNIT-II

4. Preparation of fabric before dyeing.
5. Stages of Dyeing
6. Solution, Fiber, Yarn, Piece or Fabric and Product Dyeing

UNIT-III

6. Methods of Dyeing
Batch Dyeing and Combination Dyeing (Cross and Union)
7. Dyeing Auxiliaries

UNIT-IV

8. Colour Fastness
Fastness to Washing, Ironing, Perspiration, Crocking and Sunlight
9. Dyeing Defects
Bleeding, Crocking, Migration, Fume Fading, Tendering, Frosting and Off Shade

Recommended readings:

Shenai VA "Technology of Textile Processing, Technology of dyeing (4th edition)", Sewak Publications, Bombay 1998.

Corbman, PB "Textile Techniques (6th Edition)," McGraw Hill Book Co. 1983.

Semester-V Textile Dyeing

PRACTICAL OBJECTIVES:

To enable students to develop practical skills of dyeing evaluation of fabric through colour fastness.

Instructions for paper setters:

There will be three questions in all covering entire syllabus.

Credit: 2pds/week
Time: 2 hrs.

Total Marks: 50
Exam: 40
Int. Ass: 10

1. **Dyeing of Cotton with the following dyes.**
Direct dyes
Reactive dyes
2. **Dyeing of Silk and Wool with the following dyes**
Acid
Basic
3. **Resist Dyeing of Fabric**
Tie and dye
Batik
4. **To Test the Colour Fastness of the fabric:**
Fastness to Washing
Fastness to Ironing
Fastness to Perspiration
Fastness to Crocking
Fastness to Sunlight

Recommended readings:

- Shenai VA "Technology of Textile Processing. Technology of dyeing" (4th edition), Sewak Publications, Bombay 1998.**
Corbamna, PB Textile Techniques (6th Edition), McGraw Hill Book Co. 1983.
Shenai, V Technology of Textile Processing, Technology of printing (3rd edition), Sewak Publications, Bombay 1998.

INDUSTRIAL TRAINING

Total Marks: 100
Paper: 80
Int. Ass: 20

Objectives: To enable the students to understand the textile industry setup and management.

NOTE:

This will require the students to undergo industrial training in an export house; readymade garments unit; apparel and furnishing unit, textile manufacturing units for six weeks during the summer break.

Student will present their work through a seminar.

Student will obtain a certificate of completion of training.

**B.Sc. (Fashion Designing)
Semester-VI**

Sr. No.	Subject	Credit Hours			Theory Marks			Practical Marks			Total
		T	P	Total	Paper	Int. Ass	Total	Paper	Int. Ass	Total	
1.	Pattern And Marker Making On Computer-II	-	4	4	-	-	-	60	15	75	75
2.	Marketing and Merchandising	3	2	5	40	10	50	40	50	50	100
3.	Pattern Making-IV	-	4	4	-	-	-	60	15	75	75
4.	Line Development and Portfolio-II	-	4	4	-	-	-	80	20	100	100
5.	Garment Construction-VI	-	4	4	-	-	-	60	15	75	75
6.	Textile Printing and Finishing	3	4	7	40	10	50	60	15	75	125
7.	Entrepreneurship Development	3	-	3	40	10	50	-	-	-	50
8.	Seminar	-	2	2	-	-	-	40	10	50	50
	Total			33							650

1. **PATTERN AND MARKER MAKING ON COMPUTER-II** Practical
2. **MARKETING AND MERCHANDISING** Theory and Practical
3. **PATTERN MAKING-IV** Practical
4. **LINE DEVELOPMENT AND PORTFOLIO-II** Practical
5. **GARMENT CONSTRUCTION-VI** Practical
6. **TEXTILE PRINTING AND FINISHING** Theory and Practical
7. **ENTREPRENEURSHIP DEVELOPMENT** Theory
8. **SEMINAR** Practical

**Semester-VI
PATTERN AND MARKER MAKING ON COMPUTER-II**

**PRACTICAL
OBJECTIVES:**

To apply the knowledge of pattern making software for making patterns and grading.

Instructions for paper setters

1. There will be two questions in all each carrying 30 marks.
2. Each question can be sub-divided into parts according to the paper setters.

**Credit: 4pds/week
Time: 3hrs.**

**Total Marks:75
Exam: 60
Int. Ass: 15**

1. Develop patterns of the following garments using the tools of Lectra/Tuka CAD/ Optitex/ Gerber/Rich peace or any other software for Pattern Making:
Adult Bodice Block with sleeve
Shirt
Princess line one piece dress
2. Dart Manipulation using basic adult basic block
Single dart
Multiple dart
Princess line
Control dart
3. Introduction to marker making software and familiarization with its tools namely auto mark, marker, piece, placement, match, rotate, group, standard and tool menu.
4. Marker layout of all the patterns with summary report.
5. Practice exercises

Recommended readings:

Veisinet DD, "Computer Aided Drafting and Design- Concept and Application", 1987.
Taylor P, "Computers in Fashion Industry", Heinemann Pub., 1990.
Aldrich Winfred, "CAD in clothing and Textiles", Blackwell Science, 1994.

**Semester-VI
MARKETING AND MERCHANDISING**

**THEORY
OBJECTIVES:**

To acquaint students with knowledge of marketing and its environment
To make them understand the importance of fashion forecasting.

Instructions for paper setters

- 1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.**
- 2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions.**
- 3. Each question will carry eight marks (8X5=40)**

Credit: 3pds/week

Time: 3hrs

Total marks: 50

Exam: 40

Int. Ass.: 10

UNIT-I

- 1. Terminology- market, marketing, niche, target customer, vendor, supplier, franchise, market research, marketing-mix, mark-up, mark-down.**
- 2. Fashion Marketing**
Size and Structure
Ethical issues in fashion marketing
Market segmentation
Marketing environment
Macro: Supplier, Marketing intermediates, Customers, Competitions
Micro : Demographic, Natural, Political

UNIT-II

- 3. Fashion promotion –**
Advertising
Publicity
Personal selling
Visual Merchandising

UNIT-III

- 4. Fashion Merchandising-**
Characteristics of merchandiser
Role and responsibilities of a merchandiser
Steps in Fashion Merchandising
Planning
Buying/Procuring
Promoting/Selling

UNIT-IV

- 5. Fashion Retailing –**
Retail formats
On-Site fashion retailers- Departmental stores, Speciality stores, Chain store and Franchise retail stores.
Off- Site fashion retailers- E-tailing, Catalogues, and Home Shopping.

Recommended readings:

Easy M, "Fashion Marketing", Blackwell Science, 1994.

Phillip K, "Marketing Management" Prentice Hall, New Delhi 2000.

Barotia V, "Marketing Management" Mangal Deep Publications, 2001.

Jarnow J and Dickerson K G, "Inside The Fashion Business," Prentice Hall USA 1997

Stone E, Jean A samples, "Fashion Merchandising," McGraw Hill Books, 1985.

Robert C, "Visual Merchandising: "The Business of Merchandise Presentation" Thomas Delmar Learning, USA, 1996.

Donnellan, J "Merchandise buying and Management", Fair Child Publication, New York, 1999.

Rabolt Nancy J and Miller Judy K, "Concept and cases in Retail and Merchandise Management", Fair Child books, 2009.

Stone E, "In Fashion", Fair Child Books, 2012.

Diamond E, "Fashion retailing- A multi channel approach", Pearson Education, Inc., 2006.

Packard S., Winters Arthur A. and Axelrod N., "Fashion buying and Merchandising" Fair Child books, N.Y 1988

Swanson Kristen K & Everett Judith C, "Promotion in the merchandising environment", Fair Child Publications, Inc., New York Publications.

**Semester-VI
MARKETING AND MERCHANDISING**

PRACTICAL

PROJECT (Not exam based)

OBJECTIVES:

To acquire knowledge about various brands of apparel and accessories

To gain knowledge about various display materials and installations and different kind of storage displays

Credit: 2pds/week

Total Marks: 50

Exam: 40

Int. Ass.: 10

- 1. Survey on famous brands available in market for men, women and children.**
- 2. To study various display materials.**
- 3. Survey of various retail stores for-
Window displays
Interior store displays**
- 4. To design different layouts for-
Window displays
Interior store displays**
- 5. Thematic window display**

Note: The assessment of the project will be done internally.

Recommended readings:

- Easy M, "Fashion Marketing", Blackwell Science, 1994.
Phillip K, "Marketing Management" Prentice Hall, New Delhi 2000.
Brotia V, "Marketing Management" Mangal Deep Publications, 2001.
Jarnow J and Dickerson K G, "Inside The Fashion Business," Prentice Hall USA 1997
Stone E, Jean A samples, "Fashion Merchandising ," McGraw Hill Books, 1985.
Robert C, "Visual Merchandising: "The Business of Merchandise Presentation" Thomas Delmar Learning, USA, 1996.
Donnellan,J "Merchandise buying and Management", Fair Child Publication, New York, 1999.
Rabolt Nancy J and Miller Judy K, "Concept and cases in Retail and Merchandise Management", Fair Child books, 2009.
Stone E, "In Fashion", Fair Child Books, 2012.
Diamond E, "Fashion retailing- A multi channel approach", Pearson Education, Inc., 2006.
Swanson Kristen K & Everett Judith C, "Promotion in the merchandising environment", Fair Child Publications, Inc., New York Publications, 2000.

**Semester-VI
PATTERN MAKING IV**

**PRACTICAL
OBJECTIVES:**

To impart draping and grading skills to the students

Instructions for paper setters

1. There will be two questions in all each carrying 30 marks.
2. Each question can be sub-divided into parts according to the paper setters.

**Credit: 4pds/week
Time: 3hrs.**

**Total Marks: 75
Exam: 60
Int. Ass.: 15**

1. Draping of the following:-

- Front and Back basic bodice block
- Top with Princess line
- Basic skirt front and back
- Skirt with flare

Recommended readings:

- Jacffe Hilde and Relis Nurie, "Draping for Fashion Design", Prentice Hall, Pearson 2011.
Crawford Amaden, "The Art of Fashion Draping", Fairchild Publishers, 2012.
Goulbourn Margatha, "Introduction Pattern Cutting, Grading and Modeling," Batsford Pub., U.K.
Shoben Martin, "Grading", Batsford Pub. U.K., 1990.
Price Jeanne and Zamkoff Bernard, "Grading techniques for Modern Design", Fairchild Pub.

Semester-VI
LINE DEVELOPMENT & PORTFOLIO-II

**PRACTICAL
OBJECTIVES:**

To enable the students:

To enable students to show case the collection.

To understand the meaning and importance of making a good portfolio.

Identify and reflect on areas of their own learning from both formal and informal settings

Identify, organize, and gather documentation to build portfolios

Time: 4pds/week

Total Marks:100

Int. Ass.: 50

Ext Ass.: 50

Line Development

- 1. Show casing the collection.**

Portfolio development

- 1. Selection of information for documentation**
- 2. Categorization of documentation**
- 3. Portfolio making by using appropriate techniques**
- 4. Development of E Portfolio**
- 5. Presentation of the Portfolio**
- 6. Resume writing**

Note:

Students will present their collection on their models in the Fashion Show.

There will be no exam.

Presentation of dresses and the portfolio will be evaluated by the external examiner.

Recommended readings:-

Ireland Patrick John, "Fashion Design Drawing and Presentation", BT Batsford, London, 1996.

Elizabeth Drudi, "Figure Drawing for Fashion Design", The Pepin Press, 2010.

Allen and seaman, "Fashion Drawing- The basic Principles", BT Batsford, London, 1996

**Fashion Magazines : Vogue, Marie Claire,
Fashion Catalogues**

Images Business

Internet; Dot Coms; CDs on fashion shows

Beasley Alison, "Computer Aided Pattern Design and product.

Semester-VI
GARMENT CONSTRUCTION-VI

PRACTICAL
OBJECTIVES:

To acquire construction skills for basic garments.

Instructions for paper setters

1. There will be only one question including drafting (15 marks) cutting (10 marks) and construction & finishing (35 marks) of any one garment.

Credit: 4pds/week
Time: 3hrs

Total Marks: 75
Exam: 60
Int. Ass.: 15

1. Construction of the following garments:

- Top with Princess seam line
- Circular Skirt
- One piece dress

Thomas Anna Jacob, "The Art of Sewing" UBS Publishers Distributions Ltd, New Delhi, 1994

Readers Digest-Sewing Book.

Verma G, "Cutting and Tailoring Theory" Asian Publishers, Delhi, 1999

Armstrong Helen Joseph, "Pattern making for Fashion Designing".

Mullick Prem Lata, 'Garment Construction Skills'.

Semester-VI
TEXTILE PRINTING AND FINISHING

THEORY
OBJECTIVES:

To acquaint the students with different types of printing and finishes applied on different fabrics..

Instructions for paper setters

1. There will be total nine questions carrying equal marks
2. Two questions from each unit and one compulsory question covering all the units. Five questions will be attempted in all.
3. Question No. 1 will be compulsory carrying comprising short answers from all the units, fill in the blanks or true/false.
4. Each question will carry eight marks.

Credit: 4pds/week
Time: 3hrs

Total Marks: 50
Exam: 40
Int. Ass. : 10

1. Introduction to finishes and its importance.

2. **Printing Auxiliaries**
3. **Pretreatment of printing**
 - Degumming
 - Bleaching
 - Scouring
4. **Types of printing**
 - Roller
 - Rotary
 - Transfer
5. **Methods of printing**
 - Blocks
 - Roller screen
 - Stencil
6. **Post treatment**
 - Heat setting
 - Steaming
 - Washing

UNIT-III

7. **Finishes**
 - Introduction and importance
 - Classification of finishes
 - Basic preparation of fabrics-Singeing, Desizing, Scouring and Bleaching.

UNIT-IV

8. **Mechanical Finishes: Beetling, Brushing and Shearing, Weighting, Sanforising, Tentering, Calendaring, (Simple, Friction, Moireing, Embossing, Schreiner), Napping, Sizing and Glazing**
9. **Chemical Finishes: Mercerizing, Crease Resistant, Fire-proof & Fire Retardant, Water-proof & Water Repellant, Anti-static, Wrinkle Resistant.**

Recommended readings:

Shenai, V.A, "Technology of Textile Processing, Technology of dyeing (4th edition), Sewak Publications, Bombay 1998.

Corbman, PB "Technology of Textile Techniques (6th edition), "McGraw Hill Book Co.1983

Introduction Textile Science, M L Joseph

Textile fabrics and their Selection, Isabel B Wingate and June F Mohler

Semester-VI

TEXTILE PRINTING AND FINISHING

PRACTICAL

OBJECTIVES:

To enable students to develop practical skills of printing and dyeing.

Instructions for paper setters

1. There will be two questions in all covering the entire syllabus.

Credit: 4pds/week

Time: 3hrs

Total Marks: 75

Exam: 60

Int. Ass.: 15

1. Techniques of Printing

a) Block Printing

Single, Double & Multi Coloured printing

Different Layouts-Central, Corner, Border and All over

b) Stencil Printing – Positive and Negative stencils

c) Flat and Photographic Screen Printing

2. Hand painting techniques

NOTE: Preparation of different articles using above techniques and their finishing.

Recommended readings:

Shenai, V.A, "Technology of Textile Processing, Technology of Printing (3rd edition), Sewak Publications, Bombay 1998.

Shenai VA "Technology of Textile Processing, Technology of dyeing (4th edition), Sewak Publications, Bombay 1998.

**Textiles by Hollen Saddler- Macmillian Publishing Company, New York
Understanding Textiles By P S Tortora-prentice Hall Inc., New Jersey**

Semester-VI

ENTREPRENEURSHIP DEVELOPMENT

THEORY

OBJECTIVES:

To prepare the platform where the students view entrepreneurship and self employment as a desirable career option.

Stimulating the potential to develop entrepreneurial orientation to innovation and creativity.

To orient the students with basic principles involved in starting and managing a new enterprise.

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

Credit: 3pds/week

Time: 3hrs.

Total Marks: 50

Exam: 40

Int. Ass: 10

UNIT-I

- 1. Entrepreneurship development :-**
 - Concept of Entrepreneur and Entrepreneurship**
 - Qualities of Entrepreneur**
 - Factors affecting Entrepreneurship**
 - Phases of Entrepreneurship development**
 - Steps of Entrepreneurship development**

UNIT-II

- 2. Women Entrepreneurs**
 - Characteristics**
 - Challenges faced during creation and enterprise management**
 - Avenues for the growth of women entrepreneurs**

UNIT-III

- 3. Business Ideas/ Plans**
 - Sources of new ideas.**
 - Hindrances to creativity**
 - Meaning and importance of patents, trademark and copy right**

UNIT-IV

- 4. Small business enterprise management**
 - Problems of small enterprises in India.**
 - Factors affecting business environment and profitability of business.**

Recommended readings:

Kumar. Arya, "Entrepreneurship Creating and Leading and Entrepreneurial Organization", Dorling Kindersley India Pvt. Ltd., 2012.

Mohan, N and Verma A.P. , " Industrial Management", S. K. Kataria and Sons, Delhi, 2008.

Desai, Vasant, "Small Scale Enterprises", Vols. 1-12, Mumbai, Himalaya PublishingHouse. (Latest edition).

Dollinger, Mare J., "Entrepreneurship: Strategies and Resources", Illinois, Irwin,1955.

Holt, David H., "Entrepreneurship: New Venture Creation", Prentice-Hall of India,New Delhi, latest Edition.

Panda, ShibaCharan, "Entrepreneurship Development", New Delhi, AnmolPublications. (Latest Editions)

Patel, V. G., "The Seven Business Crises and How to Beat Them", Tata-McGraw,New Delhi, 1995.

SIDBI Report on Small Scale Industries Sector (Latest Editions)

Taneja, Satish and Gupta, S.L. "Entrepreneurship Development"-New Venture Creating, Gargotia Publishing House, New Delhi, Latest Edition.

**Semester-VI
SEMINAR**

OBJECTIVE:

To enable the students to gather information on the topics related to fashion designing.

Credit: 2pds/week

M. Marks: 50

Paper : 40

Int. Ass.: 50

NOTE:

**Preparation and submission of Report of at least one topic related to their field.
Marks will be awarded by external examiner on the basis of presentation.**
