## SYLLABUS

## One Year Diploma Course

## Textile and Fashion Designing



## DEPARTMENT OF FASHION TECHNOLOGY AND DESIGNING

UNIVERSITY COLLEGE OF SOCIAL SCIENCES AND HUMANITIES MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR

| Course level | $:$ | Diploma |
| :--- | :--- | :--- |
| Course title | $:$ | Diploma in Textile and Fashion Designing |

Course duration : One year (Full time course)
Eligibility : $12^{\text {th }}$ pass from any discipline (Arts/Science/Commerce)
Medium of Instructions: Bilingual (Hindi/ English)
Course curriculum : 2 theory papers +5 practical papers
Total marks : 1000 marks; each theory paper is of 100 marks and Practical paper is of 100 marks and 200 marks

## General Instructions:

1) The course will comprise of 2 theory papers each of 100 marks and five practical papers. Two practical papers will be of 100 marks and three practical papers will be of 200 marks.
2) Evaluation of Practical Papers:

- Department level evaluation: Practical Paper III and Paper IV by departmental faculty
- External Evaluation: Paper V,VI, VII will be evaluated by external examiner.

3) Internal assessment for practical papers V, VI, VII will be of 30 percent and remaining 70 percent will be evaluated by external examiner.
4) Exam Duration: Three hours for each theory paper and four hours for practical papers.
5) The candidates will require to pass separately in theory and practical examinations.
6) The syllabus allows to be flexible in their approach to the coursework in Practical work, using creative, design-and-make, practical application and investigative methods as per current fashion trends.
7) Admission: Admission will be given as per University norms.
8) Paper Scheme:

| Papers | Nature | Min. Pass Marks | Max. Marks |
| :--- | :--- | :--- | :--- |
| Paper I | Theory | 36 | 100 |
| Paper II | Theory | 36 | 100 |
| Paper III | Practical | 36 | 100 |
| Paper IV | Practical | 36 | 100 |
| Paper V | Practical | 72 | 200 |
| Paper VI | Practical | 72 | 200 |
| Paper VII | Practical | 72 | 200 |

9) Nomenclature:
A. Theory Paper

| Paper | Nomenclature | Code |
| :--- | :--- | :--- |
| Paper I | Fundamentals of Textile Designing | DTFD 001T |
| Paper II | Fundamentals of Fashion Designing | DTFD 002T |

## B. Practical Paper

| Paper | Nomenclature | Code |
| :--- | :--- | :--- |
| Paper III | Illustration and Drawing Techniques | DTFD 003P |


| Paper IV | Application of Design Ideas | DTFD 004P |
| :--- | :--- | :--- |
| Paper V | Printing and Dyeing | DTFD 005P |
| Paper VI | Basics of Garment Construction | DTFD 006P |
| Paper VII | Special Project | DTFD 007P |

## Objectives of the course:

- To develop and initialize a design vocabulary, an essential tool for practicing as designers;
- To develop an understanding about various kinds of fabrics, their structure and the utility;
- To impart knowledge about Textile dyeing and printing;
- To expose the students to the various craft and textiles and to install appreciation for hand craftsmanship;
- To familiarize students with the design elements and principles and its application in fashion and textile designing;
- To increase and build an acute sensitivity to the world around in relation to fashion and textiles;
- To create understanding in designing and selection of clothing for different purposes;

This diploma course will be helpful in excellent foundation for further studies, higher education, and professional courses. Candidates will have the opportunity to develop an understanding of the content through a range of practical activities, including experimental and creative tasks.

## SYLLABUS OF THEORY <br> Paper I - Fundamentals of Textile Designing (Theory)

## OBJECTIVES

- To understand the importance of various terminology of textile and fashion.
- To understand the fiber properties in relation to their application and quality analysis.
- To understand the distinction between the various fabric types as well as their properties and end- uses.
- To introduce the basic elements and Principles of design along with fashion concept.
- To aware about the Surface Ornamentation techniques like Printing, Dyeing, Embroidery etc.


## Unit 1: Introduction

| S.No. | Title | Details |
| :--- | :--- | :--- |
| 1. | Terminology | textile, fiber, yarn, fabric, weaving, knitting, dyeing, printing, design, <br> layout, warp, weft, selvedge, course, wale, motif, embroidery, <br> ornamentation |
| 2. | Fiber <br> Classification | Classification Chart- <br> Natural fibers (cotton, jute), animal fibers (wool, silk) <br> Synthetic/ manmade fibers (nylon, polyester, rayon, acrylic) |
| 3. | Comparative <br> analysis | Natural and synthetic fibers <br> Fiber and filament, yarn |
| 4. | Fabric Quality <br> analysis | Washing fastness, light fastness, rubbing fastness, fabric thickness, <br> fabric shape, fabric strength, fabric weight |
| 5. | Basic Fabric <br> Properties | Study of fabrics (cotton, silk, rayon, wool, georgette, chiffon, velvet, <br> corduroy, linen, satin, nylon) for their end use purposes on following <br> parameters- <br> Appearance- colour, luster, shape <br> Performance- strength, flexibility, elasticity, absorbency, electrical <br> conductivity, dimensional stability, effect of heat, drapability, <br> stiffness |

Unit 2: Weaves and Fabric Construction

| S.No. | Title | Details |
| :--- | :--- | :--- |
| 1. | Loom | Definition - handloom, power loom <br> Difference between handloom and power loom |
| 2. | Loom Parts | Loom and its parts |
| 3. | Weaving Process | Primary and secondary motions of the loom- shedding picking <br> beating-up let off motion take up motion |
| 4. | Basic Weaves | Plain weave, twill weave, satin/sateen weave |
| 5. | Non-woven fabric | Basic non-woven fabric construction techniques -felting, fusing, <br> bonding , netting, braiding, tatting and crocheting |

Unit 3: Surface Ornamentation

| S.No. | Title | Details |
| :--- | :--- | :--- |
| 1. | Surface <br> ornamentation | Meaning and definition, importance and role in apparel designing |
| 2. | Basic types | Printing, dyeing, embroidery, appliqué, quilting, patch work, smoking, <br> trim, fringe, piping, painting |
| 3. | Printing and <br> dyeing | Basic hand printing process: block printing, stencil printing, hand <br> painting, tie and dye <br> Differences between dyeing and printing |
| 4. | Embroidery | Difference between hand and machine embroidery <br> Tools used for hand embroidery, principles of embroidery (tools, <br> thread, design, fabric selection, neatness and finishing) |
| 5. | Embroidery <br> pattern | Design transfer techniques- direct drawing, transfer paper, carbon <br> paper, tracing table, butter paper, tracing wheel, running stitch method <br> Design selection criteria for apparel use- saree, necklines \& sleeves of <br> kurta, blouse, frocks, toppers, duppata |

## Unit 4: Elements of Design

| S.No. | Title | Details |
| :---: | :---: | :---: |
| 1. | Elements of Design | Meaning \& definition- line, shape, form, colour, texture |
| 2. | Line types | Effect on appearance - straight (horizontal, vertical, diagonal lines), curved, jagged lines |
| 3. | Common shapes, forms, Texture | - Oval, circle, square, rectangle, triangle <br> - Difference between shape and form <br> - Smooth, soft, rough, clingy, stiff, bulky, shiny, dull, light, heavy textures in fabric |
| 4. | Colour and effect | Properties of colour- hue, value and intensity <br> - Primary, secondary, tertiary colours <br> - Tints and shades <br> - Cool \& warm colour <br> - Psychological effect of red, white, black, yellow, blue, green, violet,dark colour, light colour, bright colour, dull colour |
| 5. | Colour wheel \& Colour Schemes | Monochromatic, Analogous, Complementary, Split-Complementary, Double Split-Complementary, Triad, Tetrad colour schemes |

Unit 5 : Principles of Design

| S.No. | Title | Details |  |
| :--- | :--- | :--- | :--- |
| 1. | Principles of <br> design | Meaning \& definition-, balance, emphasis, proportion, rhythm, <br> harmony |  |
| 2. | Balance <br> Proportion | $\&$ | Formal, informal, radial balance <br> Golden rule of proportion |
| 3. | Emphasis | Creating emphasis in apparels |  |
| 4. | Rhythm | Rhythm through repetition, progression, radiation |  |
| 5. | Harmony | Principles of harmony |  |

## Recommended Books

- Srivastava, M., Udawat, P., Gandhi, D., Textbook of Hand Embroidery, Agrotech Publishing Academy, Udaipur, 2016
- Srivastava, M., Computer Aided Apparel Fashion Designing and Production Pattern Making, Himanshu Publications, New Delhi, 2011
- Rai, I., Indian Embroideries \& Textiles, Books Treasure, Jodhpur, 2008
- Luniya, V., A Book of Textile Designs, Books Treasure, Jodhpur, 2010
- Sumathy. G., Elements of design and apparel design., New Age International Pvt. Ltd, 2002.
- Shorie,G.P.,Vastra Vigyan Ke Mool Sidhant,Vinod Pustak Mandir, Hospital Road, Agra, 2007.(Hindi Book)
- Verma, Promila.,Vastra Vigyan Avam Paridhan,Madhya Pradesh Hindi Granth Akademy, Bhopal, 2003 (Hindi Book)
- Jarnow, Jand Judelle, B.,Inside Fashion Business,Merill Prentice Hall, New Jersey, 1987


## E BOOKS

- Hand Book of Technical Textiles https://textlnfo.files.wordpress.com/2012/10/handbook_of_technical_textile_pdf
- Textiles \& Clothing - http://www.textbooksonline.tn.nic.in/books/11/stdxi-voc-textiles-em.pdf
- Fabric Study - http://cbse.nic.in/publications/vocational/Fashion \%20Design\%20 and \%20Garment $\% 20$ Technology/Fabric \%20Study $\% 20 \% 20$ (Textbook $\% 20+\% 20$ Pract ical\%2 0Manual)\%20XII.pdf
- Fiber to Fabric - http://www.nios.ac.in/media/documents/Sec Hmscicour/english/Home\%20Science\%20(Eng)\%20Ch-10.pdf
- https://www.mooc-list.com/course/textile-fundamentals-mooc-marist-college
- https://iversity.org/en/courses/design-101-or-design-basics


## PAPER II- FUNDAMENTALS OF FASHION DESIGNING (THEORY) OBJECTIVES

- To introduce students to the glory of fashion and impart knowledge of fashion components.
- To enable students to understand the trends in clothing behavior and to gain an insight on the planning process involved in clothing selection.
- To acquaint the students with the basic design ideas and apparel construction details.
- To impart knowledge on traditional costume of Rajasthan with embellishment techniques.


## Unit 1: Fashion Concept

| S.No. | Title | Details |
| :--- | :--- | :--- |
| 1. | Fashion <br> terminology | Apparel, style, fashion, fashion design, accessories, classics, fad, trend, <br> alter, seam allowance, block pattern, crease, dart, designer, drafting, <br> draping, ease, facing, fitting, flare, gathers, godet, grain, notch, layout, <br> princess line, silhouette, tacking, trim, fashion forecaster, fashion <br> journalist, model, image consultant |
| 2. | Types of fashion <br> Areas of fashion | Haute couture, ready-to-wear, mass market; kids wear to old age wear, <br> accessories |


|  | design |  |
| :--- | :--- | :--- |
| 3. |  <br> Fashion Theories | Fashion cycle, Trickle-down theory, bottom up theory \& trickle across theory |
| 4. | Fashion Trends | Factors affecting fashion trends |
| 5. | Careers in fashion <br> designing \& Role <br> of designer | Required capabilities and role of designer <br> Job opportunities in garment industry, brand stores, research, <br> communication, art, education, primary markets |

Unit 2: Design Ideas for garments

| S.No. | Title | Details |
| :--- | :--- | :--- |
| 1. | Basic <br> wears | Casual wear, formal wear, traditional wear, party wear, uniforms |$|$| 2. | Necklines | Jewel, round, U, V, square, glass, sweet heart, matka, funnel, scalloped, <br> scoop, asymmetrical, keyhole, halter, boat, cowl, draw string |
| :--- | :--- | :--- |
| 3. | Collars | Peter pan, cape, sailor's, shirt, shawl, chinese, tie, polo or turtle, nehru, ruffle, <br> coat |
| 4. | Sleeves | Plain, puff, bell, churidar, leg-o-mutton, victorian, cowl, tulip, magyar, <br> lantern, raglan, kimono |
| 5. | Skirts | Straight, A- line, flared, circular, gored, knife pleated, box pleated, <br> accordion pleats, pegged, mini, midi, maxi, wrap-a-round skirts |

Unit 3: Figure types and Dresses

| S.No. | Title | Details |
| :--- | :--- | :--- |
| 1. | Basic Selection <br> Features for <br> Dresses | Fundamental and functional features, hygiene and safety features, <br> growth and comfort features, economic features, care and maintenance <br> features, cultural and religious features, constructional features, self <br> help features |
| 2. | Short and Stout <br> figure | Selection of colour, texture, prints, accessories for dresses |
| 3. | Short and Thin <br> figure | Selection of colour, texture, prints, accessories for dresses |
| 4. | Tall and Stout <br> figure | Selection of colour, texture, prints, accessories for dresses |
| 5. | Tall and Thin <br> figure | Selection of colour, texture, prints, accessories for dresses |
| 6. | Body types | Triangular, wedge, oval, rectangular, hour glass figure |

## Unit 4: Wardrobe Planning

| S.No. | Title | Details |
| :--- | :--- | :--- |
| 1. | Introduction | wardrobe planning - meaning, need and importance for individual <br> and family |
| 2. | Factors affecting <br> wardrobe <br> planning | Social Factors- locality, cultural background, gender, occupation, <br> occasion, social status |


|  |  | Economic Factors- income(family and individual), technological <br> advancement <br> Environmental Factors - weather, climate <br> Physiological Factors- age, body structure, activity level, interest, <br> health <br> Other factors- fashion, media, political, spiritual, national, religious |
| :--- | :--- | :--- |
| 3. | Agewise <br> selection criteriaInfants, toddlers, preschool children, adolescent, middle age persons, <br> old age persons |  |
| 4. | Occasion wise <br> selection criteria | Office wears, religious functions, formal party, wedding ceremony, <br> interview, travelling, sports, relaxation \& rest, mourning and funeral |
| 5. | Care <br>  | Daily, seasonal, occasional, yearly care, steps of organizing wardrobe |

Unit 5: Fashion and Traditional Textiles of Rajasthan

| S.No. | Titles | Details |
| :---: | :--- | :--- |
| 1. | Introduction to Traditional <br> Textiles | Meaning of traditional textiles, relationship between <br> fashion and traditional textiles, effect of traditional <br> textiles on current fashion trends |
| 2. | Traditional female <br> costumes of Rajasthan <br> Traditional male costumes <br> of Rajasthan | Top wear, bottom wear, footwear, accessories |
| 3. | Top wear, bottom wear, footwear, accessories |  |
| 4. | Traditional Works of <br> Rajasthan | Printing- sanganer print, bagru print, dabu print <br> Dyeing- bandhej <br> Embroidery- gota patti, danka, zardozi and metal <br> thread embroidery |
| 5. | Case Study | Fabric of Freedom - khadi |

## Recommended Books

- Raman, N.A., Fashion Design Technology Theory, NK an imprint of Neelkanth Publishers Pvt Ltd, 2016
- Jain, B., Theory And Drafting Course of Cutting Tailoring with Fashion Designing, India Bhartiya technical Publication, 2018.(Hindi Book)
- Gupta, G., Silai Technique Theory, ISBN: 9789311128092, 9311128090, 2018.(Hindi Book)
- The Dynamics of Fashion, Elaine Stone, Fairchild Publication, 2008
- Frings Gini, Fashion-From Concept to Consumer, (5th Edition), Prentice Hall Publications, 1996
- Marshall S. G., Jackson H. O., Stanley M.S., Kefgen M \& Specht T, Individuality in Clothing \& Personal Appearance, 6th Edition, Pearson Education,USA. 2009
- Shorie,G.P.,Vastra Vigyan Ke Mool Sidhant,Vinod Pustak Mandir, Hospital Road, Agra, 2007.(Hindi Book)
- Verma, Promila.,Vastra Vigyan Avam Paridhan, Madhya Pradesh Hindi Granth Akademy, Bhopal, 2003 (Hindi Book)
- Jarnow, Jand Judelle, B., Inside Fashion Business, Merill Prentice Hall, New Jersey, 1987
- Dickerson K., Inside The Fashion Business, Pearson Education, New Delhi, 2003
- Leslie D. Burns, The Business of Fashion, Fairchild Publication, New York, 2006
- Stone E., In Fashion, Fairchild Publication, Second Edition, New York , 2012


## E BOOKS

- Indian Culture and Heritage
http://www.nios.ac.in/media/documents/SecICHCour/English/CH.02.pdf
- The Story of Textiles -
https://www2.cs.arizona.edu/patterns/weaving/books/wp_1925-1.pdf Fashion Studies -Text Book
- http://cbseacademic.in/web_material/doc/fashion_studies/3_XII_Text_Book.pdf


## SYLLABUS OF PRACTICAL PAPERS

## PAPER III- ILLUSTRATION AND DRAWING TECHNIQUES

OBJECTIVES

- To enhance the creative skills in sketching for designing.
- To give knowledge about tools, textures and design ideas.
\(\left.$$
\begin{array}{|c|l|l|}\hline \text { S.No. } & \text { Title } & \text { Details } \\
\hline 1 . & \begin{array}{l}\text { Basic tools } \\
\text { and art } \\
\text { materials }\end{array} & \begin{array}{l}\text { types of basic tools: } \\
\text { Graphite Pencils: (8B,7B, 6B, 5B,4B, 3B,2B, B,HB, H, 2H, 3H), } \\
\text { charcoal pencil, graphite stick }\end{array} \\
\begin{array}{l}\text { Pencil sharpener: electric, manual }\end{array}
$$ <br>
Scales: ruler, T-squares and triangles, set squares <br>
Papers: drawing papers, tracing papers, carbon papers, charcoal <br>
papers, fine sandpaper, handmade sheets, felt sheets, velvet <br>
papers, crepe papers, glaze papers, florescent sheets, <br>
cardboard <br>
Pens: fine tip pen - artist pen, gel pens, ball pens, metallic pens, ink <br>

pens, glitter pens, permanent \& non permanent markers\end{array}\right]\)| Brushes: round and flat |
| :--- |
| Colours: wax crayons, plastic crayons, oil pastels, pencil colours, |
| sketch pens, water colours, poster colours, fabric colours, dye |
| colours, tube colours, glass colours, glitter colours, acrylic colours, |
| metallic colours, brush pens, blow pens, spray paints |$|$

## Recommended Books

- Ireland., Fashion Design Drawing And Presentation, Bt Batsford, London. 2000
- Mckelvey, K., Fashion Source Book, Blackwell Science Ltd., 1996
- Ireland, Patrick John., Fashion Design Illustration: Men, Bt Batsford, London. 1996
- Abling. Bina., Advance Fashion Sketch Book, Fairchild Publications, New York. 2005
- Tate, S.L., The Complete Book of Fashion Illustration, Harper R. Row, New York. 1987
- Kate Wilson- The Artist's Everything Handbook: A New Guide to Drawing and Painting, Harper Design, Edition - 2015
- Betty Edward Fontana- Drawing on the Right Side of the Brain, Tarcher; 4 edition, 2012
- Betty Edward Fontana -Color: A Course in Mastering the Art of Mixing Colors, Penguin USA, 2004
- H, Wilson Kate- Drawing \& Painting: Materials and techniques of contemporary Artists, Thames \& Hudson, 2015
- Alyona Nickelsen- Colored Pencil Painting Bible: Techniques for Achieving Luminous Color and Ultra realistic effects, Potter/TenSpeed/ Harmony, 2004


## E BOOKS

- http://dsf.edu.ph/wp-content/uploads/2017/04/The-Complete-Book-of DrawingTechniques.pdf
- http://ncert.nic.in/ncerts///legd103.pdf
- https://www.mooc-list.com/course/drawing-nature-science-and-culture-naturalhistory-illustration-edx


## PAPER IV- APPLICATION OF DESIGN IDEAS

## OBJECTIVES

- The student will be familiarized with the application of colours.
- The students will be able to understand the basic weaves.
- To enable and enhance sketch capabilities of students for design applications.

| S.No. | Title | Details |
| :--- | :--- | :--- |
| 1 | Colour wheel |  <br> shades |
| 2 | Colour <br> Schemes | Monochromatic, analogous, complementary, split <br> complementary, double split complementary colour scheme |
| 3 | Weaves | Plain (Basket weave, Rib weave), twill, satin and sateen weave |
| 4 | Flat Sketches | Necklines, sleeves, collars, pockets, upper garments, lower <br> garments |
| 5 | Silhouette <br> sketches | A-line, straight, tent, empire, high waist, drop waist, princess, <br> bell, balloon, trapezoid |
| Note: Prepare swatch book of weaved, knitted, felted fabric. |  |  |

## Recommended Books

- Pamela, C. Stringer., Pattern Drafting For Dress Making, Augustan Publishers \& Distributors, Delhi, 1995
- Drudi, Elisabetta, Kuky., Fabric Textures And Patterns, He Pepin Press, Singapore, 2008
- Hallet.C., Johnston.A., Fabric for Fashion- A Comprehensive Guide To Natural Fibers, Laurence King Publishing Ltd., London, 2010
- Hallet. C, Johnston.A., Fabric for Fashion-The Swatch Book, Laurence King Publishing Ltd., London, 2010
- Humphries., Fabric Reference (II Edition), Prentice Hall International, New York, 2000
- H, Wilson Kate- Drawing \& Painting: Materials and techniques of contemporary Artists. (Publisher: Thames \& Hudson, Edition - 2015
- Alyona Nickelsen- Colored Pencil Painting Bible: Techniques for Achieving Luminous Color and Ultra realistic effects (Publisher: Potter/TenSpeed/ Harmony, 2004
- Kate Wilson- The Artist's Everything Handbook: A New Guide to Drawing and Painting, Harper Design, Edition - 2015
- Betty Edward Fontana- Drawing on the Right Side of the Brain, Tarcher; 4 edition, 2012
- Betty Edward Fontana -Color: A Course in Mastering the Art of Mixing Colors, Penguin USA, 2004
- H, Wilson Kate- Drawing \& Painting: Materials and techniques of contemporary Artists, Thames \& Hudson, 2015
- Alyona Nickelsen- Colored Pencil Painting Bible: Techniques for Achieving Luminous Color and Ultra realistic effects, Potter/TenSpeed/ Harmony, 2004


## E BOOKS

- http://dsf.edu.ph/wp-content/uploads/2017/04/The-Complete-Book-of DrawingTechniques.pdf
- http://ncert.nic.in/ncerts///legd103.pdf
- https://www.mooc-list.com/course/drawing-nature-science-and-culture-naturalhistory-illustration-edx


## PAPER V- SURFACE ENRICHMENT TECHNIQUES

## OBJECTIVES

- To enable students to learn and acquire skills related to printing and dyeing.
- To enhance knowledge to develop new innovative designs on fabrics.

$\left.$| S.No. | Title | Details |
| ---: | :--- | :--- |
| 1. | Block printing | Selection of design- Design selection for different articles- bags, <br> cushion covers, bed covers, saree, scarf, toppers and yokes <br> Preparation of fabric, preparation of printing paste and other <br> tools, printing on fabric, after care of printed fabric |
| 2. | Stencil <br> printing | Selection of motifs, preparation of stencil, placement and printing <br> on fabric |
| 3. | Screen printing | Selection of motifs, preparation of screen, placement and printing <br> on fabric |
| 4. | Hand painting | Selection of pattern, transfer on fabric, painting with different <br> brush strokes |
| 5. | Tie and dye | Tie and dye on cotton fabric with basic and innovative techniques <br> 6. Hand work | | Thread embroidery, appliqué, patch work, metal embroidery, |
| :--- |
| bead work, mirror work, quilting | \right\rvert\, | 7. | Preparation of <br> an article | Home furnishing, apparels and accessories by using <br> (1) Tie and Dye (2) Hand Painting (3) Block Printing (4) <br> Stencil Printing (5) Other embellishment |
| ---: | :--- | :--- |

Note: Student will prepare prototype of various techniques and prepare articles by combining printing and dyeing ideas.
Collection of various printed, dyed and hand painted samples for swatch book

## Recommended Books

- Srivastava, M., Udawat, P., Gandhi, D., Textbook of Hand Embroidery, Agrotech Publishing Academy, Udaipur, 2016
- Srivastava, M., Computer Aided Apparel Fashion Designing and Production Pattern Making, Himanshu Publications, New Delhi, 2011
- Rai, I., Indian Embroideries \& Textiles, Books Treasure, Jodhpur, 2008
- Luniya, V., A Book of Textile Designs, Books Treasure, Jodhpur, 2010


## PAPER VI- BASICS OF GARMENT CONSTRUCTION

## OBJECTIVES

- To introduce sewing machine and tools to the students.
- To improve Students' efficiency to handle sewing machine and stitch basic garment.

| S.No. | Title | Details |
| :---: | :--- | :--- |
| 1. | Tools and Equipments | Tools and equipments used in clothing/garment <br> constructions |
| 2. | Sewing Machine | Functions and working of various parts- <br> Threading of sewing machine, Sewing machine <br> control exercise, Paper exercises |
| 3. | Sewing problems | Causes and Remedies |
| 4. | Hand stitching | Darning, basting and its types |
| 5. | Pleats and Gathers | Basic types of pleats, tucks, gathers, shirring, darts on <br> cotton |
| 6. | Necklines | Basic necklines samples |
| 7. | Embroidery | Basic hand stitches on different fabrics |
| 8. | Body measurement | Points for taking body measurements <br> Measuring technique, tools useful for taking body <br> measurements, procedure for taking measurements, <br> measurement chart |
| 9. | Identification and <br> handling of different <br> fabrics for sewing <br> purpose stitching on cotton, linen, jute, muslin, satin, <br> wool, silk, chiffon, tissue, net and synthetic fabrics |  |
| 10. | Layout |  |
| 11. | Basic block | Meaning and types (open, single fold, double fold, bias, <br> combination) |
| 12. | A-line frock | Children basic block drafting, cutting and stitching of <br> basic block <br> Drafting, cutting and stitching of A-line frock |
|  |  |  |

13. | Designer one piece |
| :--- |
| dress |$\quad$ Designing, drafting, cutting, stitching of designer dress

Note: prototype preparation of all learned techniques

## Recommended Books

- Penelope, Cream., The Complete Book of Sewing- A Practical Step By Step Guide to Sewing Techniques ADK Publications Book, New York, 1996
- Drudi, Elisabetta, Kuky., Fabric Textures and Patterns, He Pepin Press, Singapore, 2008
- Hallet.C., Johnston.A., Fabric for Fashion- A Comprehensive Guide To Natural Fibers, Laurence King Publishing Ltd., London, 2010
- Hallet. C, Johnston.A., Fabric for Fashion-The Swatch Book, Laurence King Publishing Ltd., London, 2010
- Fabric Source \& Marketing, Bombay. (Monthly Magazine).
- Armstrong, H Joseph., Draping for Apparel Design, Fairchild, New York, 2000
- Sturm M, , Guide to Modern Clothing Mcgraw- Hill, 1973
- Chata Romano, Plan Your Wardrobe, New Holland Publication, 2002
- Navneet Kaur, Comdex Fashion Design, Dreamtech Press, 2010
- Elizabeth Liechty, Steineckert D., Rasband J., Fitting and Pattern Alteration, Fairchild Publication, 2009


## E BOOKS

- Principles of Pattern Making \& Grading http://buc.edu.in/sde_book/fashion_design.pdf
- The Fashion Sketch Book -
https://www.google.co.in/search?q=historic+textiles+book+pdf\&oq=historic+textiles +bo ok+pdf\&aqs=chrome..69i57.9805j0j8\&sourceid=chrome\&ie=UTF-8\#
- Indian Garments - http://www.ushainitiatives.com/wp-content/uploads/2014/08/IndianGarment-Design-Course-book.pdf
- http://mooc.live/sewing-for-beginners-online-course/
- http://www.universityoffashion.com/
- https://iversity.org/en/courses/design-101-or-design-basics


## PAPER VII- SPECIAL PROJECT

## OBJECTIVES

- To provide students a sound foundation for any design work based on creativity and technical knowledge.
- To create a conscious awareness with regard to each step in the design process.
- To develop the ability to understand a particular theme and demonstrate this understanding in the form of three dimensional theme board, initial concepts and a final print design of a garment.
- To use a surface design skills like weaves, dyes, embroidery etc. for creating fabric ideas for the product.
(1) Theme based apparel designing and construction with accessories
(2) Theme based home furnishing designing and construction
(3) Organize an exhibition/ fashion show
(4) Exposure cum educational visit
(5) Extension lecture
(6) Visit to established designer house


## Online resources

http://www.costumes.org
http://www.costumes.org/ethnic/1PAGES/asiancostlinks.htm http://vads.ahds.ac.uk/learning/designingbritain/html/ffs_sewing2.html http://sewing.patternreview.com https://www.vedamsbooks.com/textile.htm http://www.elearning-textiles.co.uk
http://www.bbc.co.uk/gcsebitesize/design/textiles
http://www.studysphere.com (click on the Arts section - Fashion Design and Textiles) http://char.txa.cornell.edu/media/textile/structur.htm
www.styleportfolios.com
Fashion and Textile Blogs
Textile ministry official site
Note: These may change or expire - use your browser to check for other sites.

