

Sem 3 Teaching Schemes- Fashion Design - Indus Design School - 2021							
Code	Course		Hrs	H	L	P	C
FAFD0301	Garment Sewing I	T & P	75	5	1	4	3
FAFD0302	Pattern Drafting - I	T & P	75	5	1	4	3
FAFD0303	Fashion Illustration (Basic)	T & P	60	4	0	4	2
FAFD0304	Ancient Indian	T & P	45	3	1	2	2
FAFD0305	Software- CoralDraw	T & P	45	3	1	2	2
FAFD0306	Elements of Textiles	T & P	45	3	1	2	2
FAFD0307	Weaving Techniques	T & P	45	3	1	2	2
FAFD0308	Design Process	T & P	45	3	1	2	2
FAFD0309	Prototype Development(Core)	T & P	45	3	1	2	2
FAFD0310	Elective Subject	p	60	4	0	4	2
			540	35			22

Semester 3								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0301	Garment Sewing I	T & P	75	5	1	4	3	50

OBJECTIVES:

1. To Learn about sewing machines and its parts.
2. To create awareness and arouse interest in selecting needles and threads.
3. To gain an understanding about different construction techniques and its use.
4. To learn the art of stitching with hands and machine.

COURSE CONTENT:

Units	Topics	Time/Class Allotments
Unit 1	A. Study of a sewing machine, its parts, care and working. B. Machine Practiced on Paper. C. Machine Practiced on Fabrics.	10 Classes.
Unit 2	A. Hand samples – Edge Finishing, fastener attachment Hem stitch Even- Uneven Basting Hook-eye attachment Button- Buttonhole attachments. B. Various Hand needles and threads Understanding. C. Importance of clean hand work.	5 Classes
Unit 3	A. Machine samples – seams, pleats, Tucks, darts, plackets, edge finishing. i. Types of Seams- Plain seam, Double stitched seam, French seam,	10 Classes

	bound seam, Flat- Felled seam, Welt seam and lapped seam. i. Types of Pleats- Knife pleats, Box pleats, Inverted box pleats, Kick Pleats, Fancy pleats. i. Types of Tucks- Pin tucks, Space tucks, Twisted tucks, Release Tucks, Cross tucks. y. Types of Darts- Plain Darts & Fish Dart y. Types of Plackets- Continuous bound Placket, Zipper placket, bound & Faced placket, faced placket opening. B. Various types of machine needles and threads used for stitching.	
Unit 4	Construction of basic bodice & Variation.	5 Classes
Unit 5	Construction of basic skirt & Variation. (Flared, gathered, pegged, gored, wrap, circular skirts-godets)	15 Classes
Unit 6	Construction of Sleeves, Collars & it's Variation. (Puff, cap, petal, lantern, bell, leg-o-mutton, kimono, raglan)	5 Classes
	Total classes.	50 Classes

REFERENCES:

- 1) Carson, B. How you look and dress, New York, McGraw Hill Book Company 1959.
- 2) Craig. H. T. and Rush, C. D. Clothes with character, Boston, D.C. Health & Company 1946.
- 3) Doongaji S., and Deshpande R., Basic Processes and Clothing Construction New Delhi New Raj Book Depot., 1948
- 4) Pandit S. & Tarpley E. Grooming Selection and care of clothes., Baroda. Savitri Pandit, Clothing & Textiles Dept., Faculty of Home Science, M.S. University, Baroda,1975
- 5) Thomas A.J., The Art of Sewing, U.S.B. publishers Distributors Ltd. New Delhi, 1993.
- 6) Bhatia R. and Arora C., Introduction to clothing and Textile, M.S. University, Baroda, 1999.
- 7) Katbryn Meketively and Jainine Munstow, Illustrating Fashion, Blackwell Science Ltd., 1997.
- 8.) <https://sewguide.com/pintucks-other-tucks/>
- 9.) https://www.brainkart.com/article/Placket-and-types-of-Placket_1826/

Semester 3								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0302	Pattern Drafting - I	T & P	75	5	1	4	3	50

OBJECTIVES:

1. To appreciate the importance of personal appearance.
2. To create awareness and arouse interest in selecting clothes to suit one's personality.
3. To gain an understanding about different construction techniques and its use.
4. To learn the art of dress designing.

COURSE CONTENT:

Units	Topics	Time/Class Allotments
Unit 1	Introduction to pattern making	2 Classes

	1. Introduction to pattern making 2. Pattern making tools 3. Pattern making terms and techniques 4. Fabric terms 5. Dart and grain line	
Unit 2	Selection of fabric. i) Choosing design & fabric ii) Prints and pattern on fabric. iii) Calculation of the amount of material required for different garments.	2 Classes
Unit 3	Preparation of fabrics before cutting. i) Placing and cutting of pattern of clothing ii) Layout of pattern of clothing. iii) Understanding of grain line.	3 Classes
Unit 4	How to take body measurements?	2 Classes
Unit 5	Detailing & styling in a dress. Basic clothing construction techniques.	3 Classes
Unit 6	Pattern Making of basic bodice & Variation.	10 Classes
Unit 7	Pattern Making of basic skirt & Variation. (Flared, gathered, pegged, gored, wrap, circular skirts-godets)	15 Classes
Unit 8	Pattern Making of Sleeves, Collars & it's Variation. (Puff, cap, petal, lantern, bell, leg-o-mutton, kimono, raglan)	10 Classes
	Total Classes	47 Classes

REFERENCES:

1. Bhatia R. and Arora C., Introduction to clothing and Textile, M.S. University, Baroda, 1999.
2. ASTM stand body measurement size chart.
3. Helen Joseph Armstrong "Pattern making for Fashion Designing", Pearson Education, Inc, Harper Collins Publishers, copyright 1995.

Semester 3								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0303	Fashion Illustration (Basic)	T & P	60	4	0	4	2	40

OBJECTIVES:

1. To understanding of the anatomy as the basis of drawing as a tool of visual communication in fashion.
2. To gain awareness of national and international designers.
3. To build the ability in the art of sketching based on present and future fashion trends.
4. To understand the relative differences between normal proportion and the fashion figure (coqui).
5. To analyze and choose relevant postures to enhance the co-relation between garment and mood/attitude of the coqui.
6. To introduce students to various dry art media e.g. soft lead pencils, color pencils, charcoal, sketch pens, markers, pens, crayons.

COURSE CONTENT:

Units	Topics	Time/Class Allotments
Unit 1	Introduction to fashion sketching and illustration 1. Definition, importance and its role in today's competitive world of fashion. a. Fashion vocabulary b. Maintenance of scrap book 2. Drawing Equipment and Tools 3. Body balance and proportions – rules in sketching 4. Knowledge of International and Indian designers.	2 Classes
Unit 2	Female body part drawing	3 Classes
Unit 3	Stick figure drawing	3 Classes
Unit 4	1. Basic figure drawing varying postures of model figures a. Rapid sketching. b. Working from photographs. 2. Sketching body features: eyes, nose, lips, hands, feet and hair.	10 classes
Unit 5	Female fashion figure drawing	8 Classes
Unit 6	Garment types & its features in appropriate textures & styles 1. Sketching garment trims and details: necklines, sleeves, pockets, pleats, etc. 2. Sketching garments a. Skirts-lengths and types b. Pant-lengths and variations c. Outer wear: sweaters, jackets and coats Draped garments	10 Classes
Unit 7	Live female figure drawing	4 Classes
	Total Classes	40 Classes

REFERENCES:

1. Figure drawing for fashion – Elisabetta Draudi & Tatiana Pacillustating Fashion – Kathryn McKinley & Janine Maslow Fashion Sketch Book – Bina Abling.
2. Drawing People- Colin Caket Fashion Design illustration - John Turnpenny. Fashion Illustratio Today – Nicholas Drake.
3. Encyclopedia of Fashion Details – Patrick John Ireland.
4. Magazines:
 - Vogue
 - Harper's Bazaar
 - Elle International
5. Steven Stipelman, Illustrating Fashion: Concept to Creation, 2nd Edition, Fairchild Publications, New York, 2005
6. Tate, S.L, Edwards, M.S., The complete book of Fashion Illustration, Harper and Row Publication, 2nd edition, 1987
7. Barnes Colin, Fashion Illustration, Macdonald 1988
8. Bina Abling, Fashion Rendering with colour, Illustrated edition, Prentice and Hall, 2001.
9. Charlotte Mankey Calasibetta, Phyllis G. Tortora, Illustrations by Bina Abling, The Fairchild Dictionary of Fashion, 3rd Edition, Fairchild Publications, New York, 2003.
10. Helen Brockman "The Theory of Fashion Design" New York, John Willey & Sons., 1967.

Semester 3								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0304	Ancient Indian	T & P	45	3	1	2	2	30

OBJECTIVES:

1. To formulate a method of understanding history through ecological / geographic /climatic factors as against dynastic progressions and wars.
2. To understand and articulate the meaning of the term “civilization” and the idea of “progress”.
3. To study the alterations and trends among the lifestyle of ethnic groups of people, especially when engulfed within an urban situation.
4. To preserve and document the traditional know-how's in terms of skills, and modes of decorum and adornment.

COURSE CONTENT:

Units	Topics	Time/Class Allotments
Unit 1	Origin & theories of Clothing Case-studies from Indian tribes. (Origin & theories of Clothing Case-studies from Indian tribes)	1 Class
Unit 2	Clothing of Indus Valley Civilization I. Clothing during the Indus Valley Civilization. (2300 BCE – 1700 BCE) I. Textiles during the I. Indus Valley Civilization	2 Classes
Unit 3	Clothing of the Vedic Era (1200 BCE – 600BCE) Clothing during the Post-Vedic Period I. Clothing of the Vedic Era (1200 BCE – 600BCE) I. Clothing during the Post-Vedic Period (600BCE – 323BCE) I. Textiles during the Vedic and post-Vedic era.	2 Classes
Unit 4	Clothing in the Maurya (322 BCE – 180 BCE) and Sunga (180 BCE – 72 BCE) Periods I. Descriptive discussion on costumes & accessories. I. Emphasis on civilian and war costumes & accessories with movie clips. I. Importance on terminology.	3 Classes
Unit 5	Clothing in the Kushana Period (130 BCE –185 BCE) I. Descriptive discussion on costumes & accessories. I. Emphasis on civilian and war costumes & accessories with movie clips. I. Importance on terminology.	3 Classes
Unit 6	Clothing in the Satvahana Period (200 BCE – 250 CE) I. Descriptive discussion on costumes & accessories. I. Emphasis on civilian and war costumes & accessories with movie clips. I. Importance on terminology.	3 Classes

Unit 7	Clothing in the Gupta Period (320 CE– 750CE) I. Descriptive discussion on costumes & accessories. I. Emphasis on civilian and war costumes & accessories with movie clips. I. Importance on terminology.	3 Classes
Unit 8	Clothing in the Mughal Empire I. Descriptive discussion on costumes & accessories. I. Emphasis on civilian and war costumes & accessories with movie clips. I. Importance on terminology.	3 Classes
Unit 9	Clothing in the Rajput empire. I. Descriptive discussion on costumes & accessories. I. Emphasis on civilian and war costumes & accessories with movie clips. I. Importance on terminology.	3 Classes
Unit 10	Clothing under the Nizams of Hyderabad I. Descriptive discussion on costumes & accessories. I. Emphasis on civilian and war costumes & accessories with movie clips. I. Importance on terminology.	3 Classes
Unit 11	Clothing during British Raj / Colonial Rule in Indian. I. Descriptive discussion on costumes & accessories. I. Emphasis on civilian and war costumes & accessories with movie clips. I. Importance on terminology.	3 Classes
	Total Classes	30 Classes

REFERENCES:

Semester 3								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0305	Software- Illustrator	T & P	45	3	1	2	2	30

OBJECTIVES

1. Adobe Illustrator is a powerful drawing software program offered by Adobe. Anyone, regardless of artistic or computer ability, can use Illustrator to draw shapes and lines, create text, or import graphics and pictures.
2. To developed the 2D flat sketches and illustration.
3. To Learning to be familiar with basic software of AutoCAD as it's a main software of Fashion design.

COURSE CONTENT:

Units	Topics	Time/Class Allotments
Unit-1	Introduction of the software. <ul style="list-style-type: none"> • All the tools and features 	6 Classes

Unit-2	Draw basic shapes & Objects.	2 Classes
Unit-3	Add color to your work	2 Classes
Unit-4	Use blends, gradients, Textured and patterns	3 Classes
Unit-5	Create symbols to place into your work to save time	1 Classes
Unit-6	Create layers and masks.	1 Classes
Unit-7	Add text to your documents – and even to your objects and shapes	3 Classes
Unit-8	How to create the Flat 2D sketches.	2 Classes
Unit-9	How to create fashion illustrations.	5 Classes
Unit-10	Stylized illustrations.	5 Classes

REFERENCES:

- Adobe Illustrator CC Classroom in a Book
- 365 Days of Art
- Becoming a Successful Illustrator

Semester 3								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0306	Elements of Textiles	T & P	45	3	1	2	2	30

OBJECTIVES

1. To enable the students to learn the facts of textiles.
2. To understand the importance of the Textile Industry & its various segments.
3. To understand the performance characteristics of different fibers & fabrics.
4. To be familiar with the terminology of Textiles in commercial use.
5. To know the distinction between the various yarn types, their properties and end use.
6. To explain how fabrics are produced & its various construction procedures.
7. To prepare the students to judge the textile qualities they seek as consumers.
8. To students will learn to identify textile fibers and fabrics practically.

COURSE CONTENT:

Units	Topics	Time/Class Allotments
Unit-1	Introduction 1. Textile Terms 2. Classification of Textile Fibers 3. General properties of textile fibers	5 Classes
Unit-2	Natural Fibers	7 Classes

	1. Fiber morphology of the Natural Fibers. 2. The polymer system of Natural Fibers. 3. Microscopic, Physical and Chemical Properties of Natural Fibers. 4. Use of Natural Fibers	
Unit-3	Man-Made Fibers 1. Spinning of Man-Made Fibers 2. Fiber Morphology of Man-Made Fibers. 3. The polymer system of Man-Made fibers 4. Microscopic, Physical and Chemical Properties of Man-made Fibers. 5. Uses of Man-Made Fibers.	7 Classes
Unit-4	Fiber and fabric Identification 1. Fiber Identification by Microscopic, Burning and Solubility Tests. 2. Collection of representative samples of fabrics and their understanding.	5 Classes
Unit-5	Various methods of manufacturing textiles. 1. Weaving 2. Knitting 3. Non-woven/ Felting	2 Classes
Unit-6	Fabric Sample File making. (Collecting different 30-40 fabric samples)	3 Classes

REFERENCES:

1. Bukayev, General Technology of Cotton Manufacturing Mir Publication, 1984.
2. Gohil E.P.G. and Vilensky L.D., Textile Science, CBS Publishers and Distributors, Delhi, 1987.
3. Hollen Norma and Saddler Jane, Textiles, The MacMillan Co., 1973.
4. Koch P.A., Microscopic and Chemical Testing of Textiles, New York Textile Book Service, 1963.
5. Mishra S.P., A Text Book of Fiber Science and Technology, New Age International Publishers, New Delhi.

Semester 3								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0307	Weaving Techniques	T & P	45	3	1	2	2	30

OBJECTIVES

1. To explain how fabrics are produced & its various construction procedures.
2. To know various types of weaving techniques.
3. Understanding the weaving techniques with help of the ribbons.

COURSE CONTENT:

Units	Topics
Unit-1	Introduction to weaving.
Unit-2	Types of weaving.
Unit-3	Various Hand looms & It's mechanism.
Unit-4	Power Looms & It's mechanism.
Unit-5	Techniques used for weaving Plain Weave Rib, basket Twill weave – warp and weft faced, Satin and Sateen.

REFERENCES:

1. Looms & It's Part by Professor Bhargavi patel, 2002.
2. Gohil E.P.G. and Vilensky L.D., Textile Science, CBS Publishers and Distributors, Delhi, 1987.
3. Hollen Norma and Saddler Jane, Textiles, The MacMillan Co., 1973.
4. Koch P.A., Microscopic and Chemical Testing of Textiles, New York Textile Book Service, 1963.
5. Mishra S.P., A Text Book of Fiber Science and Technology, New Age International Publishers, New Delhi.

Semester 3									
Code	Course	T/P/T&P	Hours	H	L	P	C	Days	
FAFD0308	Design Process	T & P	45	3	1	2	2	30	

OBJECTIVES

1. To understand the designing.
2. To create a new idea and step involved into it.
3. To understand the important of accessories along with the garments.
4. To learn the design concept.

COURSE CONTENT:

Units	Topics	Time/Class Allotments
Unit-1	Design Brief	2 Class
Unit-2	Basic Elements of Design	5 Class
Unit-3	Inspiration from Nature, Animal & Architecture	2 Class
Unit-4	Best of the waste(Thermocols, foil, paper, packaging materials)	2 Class

Unit-5	Textures	2 Class
Unit-6	Accessories	6 Class
Unit- 7	Design process	5 Class
Unit-7	Illustrations	3 Class

REFERENCES:

1. Fashion Design: Process, Innovation and Practice by Kathryn McKelvey, 2011.
2. Fashion Design: Process, Innovation and Practice by Kathryn Mckelvey, 2008

Semester 3									
Code	Course	T/P/T&P	Hours	H	L	P	C	Days	
FAFD0309	Prototype Development(Core)	T & P	45	3	1	2	2	30	

OBJECTIVES

1. To compel the whole semester knowledge.
2. To understand the important of market research and new upcoming trend.
3. To learn designer garment pattern making and constructions.
4. To combine the surface embellishment and accessories with match of garment.

COURSE CONTENT:

Units	Topics	Time/Class Allotments
Unit-1	Understanding of the subject	1 Class
Unit-2	Development of theme	2 Class
Unit-3	Market Survey	2 Class
Unit-4	Development of Range	2 Class
Unit-5	Fabric Sourcing	2 Class
Unit-6	Making illustration	3 Class
Unit-7	Understanding of the Boards & It's Preparation.	5 Class
Unit-8	Presentation	3 Class
Unit-9	Construction of garment	10 Class

REFERENCES:

1. Fashion Design: Process, Innovation and Practice by Kathryn McKelvey, 2011.
2. Fashion Design: Process, Innovation and Practice by Kathryn Mckelvey, 2008

Sem 4 Teaching Schemes- Fashion Design - Indus Design School - 2021							
Code	Course		Hrs	H	L	P	C

FAFD0401	Garment Sewing -II	P	75	5	1	4	3
FAFD0402	Pattern Drafting - II	P	75	5	1	4	3
FAFD0403	Fashion Illustration (Stylization)	P	75	5	1	4	3
FAFD0404	Indian Textiles & Costumes	T&P	45	3	1	2	2
FAFD0405	Software- Illustrator	T&P	45	3	1	2	2
FAFD0406	Fashion Studies	T&P	30	2	0	2	1
FAFD0407	Knitting Techniques	T&P	45	3	1	2	2
FAFD0408	Research Methodology	T&P	45	3	1	2	2
FAFD0409	Prototype Development(Core)	T&P	45	3	1	2	2
FAFD0410	Elective Subject	P	60	4	0	4	2
			540	35			22
	Internship	p	60	4	0	4	2

Semester 4								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0401	Garment Sewing II	T & P	75	5	1	4	3	50

OBJECTIVES:

1. To Learn about sewing machines and its parts.
2. To create awareness and arouse interest in selecting needles and threads.
3. To gain an understanding about different construction techniques and its use.
4. To learn the art of stitching with hands and machine.

COURSE CONTENT:

1. Construction of Bias Chudidar.
2. Construction of the kali Pyjama.
3. Construction of the Plazzo.
4. Construction of the Basic Blouse & katori blouse.
5. Construction of the Basic kurta with variation in neckline and Sleeves.
6. Construction of Kurti with Stand collar.

REFERENCES:

- 1) Carson, B. How you look and dress, New York, McGraw Hill Book Company 1959.
- 2) Craig. H. T. and Rush, C. D. Clothes with character, Boston, D.C. Health & Company 1946.
- 3) Doongaji S., and Deshpande R., Basic Processes and Clothing Construction New Delhi New Raj Book Depot., 1948
- 4) Pandit S. & Tarpley E. Grooming Selection and care of clothes., Baroda. Savitri Pandit, Clothing & Textiles Dept., Faculty of Home Science, M.S. University, Baroda, 1975
- 5) Thomas A.J., The Art of Sewing, U.S.B. publishers Distributors Ltd. New Delhi, 1993.
- 6) Bhatia R. and Arora C., Introduction to clothing and Textile, M.S. University, Baroda, 1999.
- 7) Katbryn Meketively and Jainine Munstow, Illustrating Fashion, Blackwell Science Ltd., 1997.

8.) <https://sewguide.com/pintucks-other-tucks/>

9.) https://www.brainkart.com/article/Placket-and-types-of-Placket_1826/

Semester 4								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0402	Pattern Drafting - II	T & P	75	5	1	4	3	50

OBJECTIVES:

1. To appreciate the importance of personal appearance.
2. To create awareness and arouse interest in selecting clothes to suit one's personality.
3. To gain an understanding about different construction techniques and its use.
4. To learn the art of dress designing.

COURSE CONTENT:

1. Pattern Making of variation of Chudidar.
2. Construction of the variation of Pyjama.
3. Construction of the Plazzo pants.
4. Construction of the Basic Blouse & Katori Blouse.
5. Construction of the Basic kurta with variation in neckline and Sleeves.
6. Construction of Kurti with Stand collar.

REFERENCES:

1. Bhatia R. and Arora C., Introduction to clothing and Textile, M.S. University, Baroda, 1999.
2. ASTM stand body measurement size chart.
3. Helen Joseph Armstrong "Pattern making for Fashion Designing", Pearson Education, Inc, Harper Collins Publishers, copyright 1995.

Semester 4								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0403	Fashion Illustration (Stylization)	T & P	75	5	1	4	3	50

OBJECTIVES:

1. To understand the anatomy as the basis of drawing as a tool of visual communication in fashion.
2. To gain awareness of national and international designers.
3. To build the ability in the art of sketching based on present and future fashion trends.
4. To understand the relative differences between normal proportion and the fashion figure (coqui).
5. To analyze and choose relevant postures to enhance the co-relation between garment and mood/attitude of the coqui.

COURSE CONTENT:

1. Stylized Fashion figure drawing
2. Colour medium & Exploration (All the medium Pencil to wet)
3. Designers Signature illustration
4. Fabric Surface replica and Rendering
5. Collection Design

REFERENCES:

1. Figure drawing for fashion – Elisabetta Draudi & Tatiana Pacilli Illustrating Fashion – Kathryn McKinley & Janine Maslow Fashion Sketch Book – Bina Abing.
2. Drawing People- Colin Caket Fashion Design illustration - John Turnpenny. Fashion Illustratio Today – Nicholas Drake.
3. Encyclopedia of Fashion Details – Patrick John Ireland.
4. Magazines:
 - Vogue
 - Harper’s Bazaar
 - Elle International
5. Steven Stipelman, Illustrating Fashion: Concept to Creation, 2nd Edition, Fairchild Publications, New York, 2005
6. Tate, S.L, Edwards, M.S., The complete book of Fashion Illustration, Harper and Row Publication, 2nd edition, 1987
7. Barnes Colin, Fashion Illustration, Macdonald 1988
8. Bina Abing, Fashion Rendering with colour, Illustrated edition, Prentice and Hall, 2001.
9. Charlotte Mankey Calasibetta, Phyllis G. Tortora, Illustrations by Bina Abing, The Fairchild Dictionary of Fashion, 3rd Edition, Fairchild Publications, New York, 2003.
10. Helen Brockman "The Theory of Fashion Design" New York, John Willey & Sons., 1967.

Semester 4								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0404	Indian Textiles & Costumes	T & P	45	3	1	2	2	30

OBJECTIVES:

1. To understand the influence of historical, economic, political and socio culture aspects on the evolution of Indian textiles and costumes over the years.
2. To appreciate the traditional textiles and costumes of India with respect to material, form, color, textile, design and decoration.

COURSE CONTENT:

1. Factors affecting clothing.
2. History of North India states in terms of clothing and textiles.
3. History of East India states in terms of clothing and textiles.
4. History of West India states in terms of clothing and textiles.

5. History of South India states in terms of clothing and textiles.
6. Clothing and textiles of Union territory of India.

REFERENCES:

1. Ghurye, G.S *Indian Costume*, Reprint of second edition published in 1966. Bombay, 1995.
2. Paine, S *Embroidered Textiles (Study of the Source of many patterns in religions, cults and belief)* London, New York and Bern, 1990/1995/1997
3. Gillow, J, and Barnard, N, *Traditional Indian Textiles*, London, 1991.
4. Murphy, V & Crill, R. *Tie-dyed Textiles of India: Tradition and Trade*, London and Ahmedabad, 1991
5. Dhamija, J and Jain, J. eds. *Handwoven Fabrics of India*, Mapin Publications, Ahmedabad, 1989

Semester 4									
Code	Course	T/P/T&P	Hours	H	L	P	C	Days	
FAFD0405	Software- CorelDraw	T & P	45	3	1	2	2	30	

OBJECTIVES:

1. CorelDRAW is the most popular vector design software in the professional computer-aided fashion design industry, with many fashion designers using it to draw their mannequins and produce their designs.
2. Determine the importance of digital fashion illustration in ever-growing digital world.
3. Enable one to understand the use of CorelDraw and learn digital drawing.
4. Understand different drawing techniques.
5. Enables students to create their own creative digital fashion portfolio.
6. To developed the 2D flat sketches and illustration.

COURSE CONTENT:

1. Understanding of basic Tools.
2. Pattern Drafting
3. Garments flat drawings.
4. Logo Designing
5. Portfolio editing.
6. How to do different layouting for fashion communication like logo designing, visiting cards etc.

REFERENCES:

Semester 4									
Code	Course	T/P/T&P	Hours	H	L	P	C	Days	
FAFD0406	Fashion Studies	T & P	30	2	0	2	1	20	

OBJECTIVES:

1. To gain an understanding of the elements and principles of design.

2. To develop an understanding of the application of art principles in textile and fashion design.
3. To develop sensitivity towards aesthetics which, will further enable the students to be good art consumers
4. To provide practical experience in free hand drawing, scale drawing, creating objects, structure etc.

COURSE CONTENT:

1. Fashion Theories & Terminology
2. Factors influencing fashion.
3. Fashion Cycle in detail
4. Supply chain
5. Fashion Forecasting and trend analysis.

REFERENCES:

Semester 4								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0407	Knitting Techniques	T & P	45	3	1	2	2	30

OBJECTIVES:

1. To learn how knitting industry work.
2. To learn the techniques of hand knitting and Crocheting.
3. To understand the technology used to create a various knitting fabrics.

COURSE CONTENT:

1. History of Knitting.
2. Types of Knitting.
3. Technology involved in knitting industry.
4. End use of knitting fabric.
5. Handle Knitting fabrics.
6. Hand Knitting sample.
7. Hand Crocheting sample.
8. Pattern hand knitting samples.

REFERENCES:

Semester 4								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days

FAFD0408	Research Methodology	T & P	45	3	1	2	2	30
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OBJECTIVES:

1. To understand the work done in particular areas.
2. To document the crafts.
3. To understand the important of research.
4. To think on the what new can be done in interested areas.

COURSE CONTENT:

1. Understand the meaning of research.
2. Types of research.
3. Various Methods to carried out research.
4. Types of data gathering.
5. Important of review of literature.
6. Data Compilation.
7. Result and analysis.
8. How to write conclusion.
9. How to write bibliography.
10. How to write research Paper.

REFERENCES:

1. Research methodology, K.R. Kothari, 2002 2ed edition.

1. 8

Semester 4								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0409	Prototype Development(Core)	T & P	45	3	1	2	2	30

OBJECTIVES

1. To compel the whole semester knowledge.
2. To understand the important of market research and new upcoming trend.
3. To learn designer garment pattern making and constructions.
4. To combine the surface embellishment and accessories with match of garment.

COURSE CONTENT:

1. Understanding of the subject
2. Development of theme/ Concept.
3. Market research for the fabric new trends.
4. Client study.
5. Making illustration.
6. Fabric sourcing.
7. Pattern making.
8. Garment sewing
9. Photoshoot and presentation.

REFERENCES:

2. Fashion Design: Process, Innovation and Practice by Kathryn McKelvey, 2011.
3. Fashion Design: Process, Innovation and Practice by Kathryn Mckelvey, 200

Code	Course		Hrs	H	L	P	C
FAFD0501	Garment Sewing - III	T&P	75	5	1	4	3
FAFD0502	Pattern Drafting - III	P	60	4	2	2	3
FAFD0503	Fashion Illustration (Indian Wear)	P	60	4	2	2	3
FAFD0504	World Textile & Costumes	T&P	45	3	1	2	2
FAFD0505	Indian Embroidery	P	60	4	0	4	2
FAFD0506	Software- Indesign	T&P	30	2	1	2	2
FAFD0507	Manufacturing Process	T&P	45	3	1	2	2
FAFD0508	Prototype Development(Core)	T&P	45	3	1	2	2
FAFD0509	Draping	P	60	4	0	4	2
FAFD0510	Elective Subject	p	60	4	0	2	1
			540	35			22

Semester 5								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0501	Garment Sewing III	T & P	75	5	1	4	3	50

OBJECTIVES:

1. Explore and experiment with various types of fabrics.
2. Learn and apply utility of various components in a garment.
3. Developing proficiency in assembling and combining different components of a garment.
4. Exploring creative stylization components and finishing.
5. Understanding finishing techniques in a garment.

COURSE CONTENT:

1. Variation in necklines.
2. Construction of the princess-line blouse with variation in necklines.
3. Construction of peplum Blouse.
4. Construction of full circular Gagara's.
5. Construction of female jackets.
6. Construction of one piece.

REFERENCES:

1. A Guide to Fashion Sewing- Connie Amaden- Crawford
2. Teach Yourself Visually: Sewing- Debbie Colgrove
3. Singer Sewing Step by step Book on Practical construction - Marry Matthews

4. Encyclopedia of Dress Making – Jewel. R
5. Reader's Digest- Complete Guide to Sewing

Semester 5								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0502	Pattern Drafting - III	T & P	60	4	2	2	3	40

OBJECTIVES:

This Course is about using the techniques of pattern making, also known as pattern drafting, in fashion design, to create patterns that will then be used to cut fabric and ultimately be sewn into garments. ... As a fashion designer, pattern making is essential in learning how garments are created and put together.

COURSE CONTENT:

Blouse- princessline, Katori
 Ghaghra Construction
 Female jacket & Variation
 Corset construction
 One piece

REFERENCES:

1. Armstrong, Helen Joseph - Patternmaking for Fashion Design.
2. Helen Stringer-Pattern Drafting for Dress Making
3. Martin M. Shoben & Janet P. Ward - Pattern Cutting and Making up: The Professional Approach
4. Sylvia Rosen- Comprehensive study on Patternmaking for Fashion Design (New Jersey 2004)
5. Winifred Aldrich-Fabric, Form and Flat Pattern Cutting

Semester 5								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0503	Fashion Illustration (Indian Wear)	T & P	60	4	2	2	3	40

OBJECTIVES:The Fashion Illustration Course is not only the design or representation of a garment, but more of an art form. ... The student will learn the basics of fashion illustration: drawing technique of the human figure and different techniques such as using pencil, markers, watercolours, paint, computer programs, etc.

COURSE CONTENT:

Basics of Fashion Illustration
 Color and composition

Rendering
 Rendering with different medium'
 Understanding the light and shades
 Bringing texture of the fabric
 Trying different Indian wear
 Embroidery design practicing
 Different ethnic garments
 Taking a theme and creating own collection of Indian garments

REFERENCES:

1. Charlotte Mankey Calasibetta, Phyllis G. Tortora, Illustrations by Bina Abing, The Fairchild Dictionary of Fashion, 3rd Edition, Fairchild Publications, New York, 2003.
 2. Helen Brockman "The Theory of Fashion Design" New York, John Willey & Sons., 1967.

Semester 5								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0504	World Textile & Costumes	T & P	45	3	1	2	2	30

OBJECTIVES:

1. To understand the historical impact on our Indian costume.
2. To understand the origin of how clothing's changes over a period of time.
3. To learn the trading of the fabric from that time to know.
4. To understand the development of textiles in Indian cultures ranging from the outside world to inside world.
5. To understand the development of technology over the ages.

COURSE CONTENT:

1. How clothing change over a period of time.
2. What are the factors plays important role on our traditional clothing.
3. Detail knowledge of world textiles and costumes.
4. Textiles & Costume of Egyptian.
5. Textiles & Costume of Roman.
6. Textiles & Costume of Greek.
7. Textiles & Costume of Japan.
8. Textiles & Costume of China.
9. Textiles & Costume of Britain.
10. Textiles & Costume of Italy.

REFERENCES:

Rapture: The Art of Indian Textiles (2011) by Rahul Jain
 Kashmir Shawls: The TAPI Collection (2012) by Steven Cohen, Rosemary Crill, Monique Lévi-Strauss and Jeffrey B Spurr
 Women's Work: Textile Art from the Bauhaus (1993) by Sigrid Weltge-Wortmann
 Saris: Tradition and Beyond (2010) by Rta Kapur Chishti

The Warp and the Weft: Community and Gender Identity Among the Weavers of Banaras (2010) by Vasanthi Raman
 Shifting Sands: Kutch: Textiles, Traditions, Transformation (2013) by Archana Shah

Semester 5								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0505	Indian Embroidery	T & P	60	4	0	4	2	40

OBJECTIVES:

1. To appreciate traditional embroidered textiles of India vis-à-vis their material, form, texture & colour.
2. Appreciation, Visualization and Application of hand embroidered technique and processes towards innovative fashion products, embellishments and value addition.
3. To understand various influences on evolution of textiles of India and understand the development technology over the ages.
4. To develop an understanding of techniques and processes used in textiles of India and modify the traditional embroidery for contemporary adaptations and applications.

COURSE CONTENT:

1. Introduction to Traditional Indian Textiles: Embroidered and Embellished.
2. Embroidery of West Bengal. (History, Fabric Used, Stitches used, Motifs Used & Color Used)
3. Embroidery of Manipur
4. Embroidery of Gujarat.
5. Embroidery of Punjab.
6. Embroidery of Chamba
7. Embroidery of Karnataka.
8. Embroidery of Kashmir.
9. Embroidery of Lucknow.
10. Pipali work of Orissa.

(Understand the details of above mentioned embroidery crafts and make a embroidery sample file.)

REFERENCES:

1. The Techniques of Indian Embroidery Anne Morrill B.T. Batsford LTD. London
2. Indi- Folk and Tribal Design of India M.S.Lehri Superbook house
3. The Encyclopedia of Stitches -Karen Hemingway-New Holland
4. A Perfect Word in Ribbon Embroidery Stump Work-Di Van Niekerk Search Press

Semester 5								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0506	Software- InDesign	T & P	30	2	1	2	2	20

OBJECTIVES:Software

InDesign is a program that is commonly used by graphic designers and people in production; however, it's also used by writers, publishers, and others who want to create their own material. Adobe InDesign makes this easy. You don't have to be a professional designer to use this program.

COURSE CONTENT:

Introduction to Adobe Indesign
 Creating and viewing documents
 Understanding your workspace
 Pages
 Working with type
 Working with graphics
 Points and path
 Character and paragraph formatting

REFERENCES:

- InDesign in easy steps. Robert Shufflebotham. ...
- Design A Book. ...
- Dad's Guide. ...
- Adobe Creative Cloud All-in-One For Dummies) ...
- ADOBE ILLUSTRATOR FOR BEGINNERS 2021. ...
- Getting Started With InDesign. ...
- Adobe InDesign Classroom in a Book. ...
- Adobe InDesign 2021.

Semester 5								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0507	Manufacturing Process	T & P	45	3	1	2	2	30

OBJECTIVES:

1. To understand Production Process
2. To learn viability factors in production
3. To be able to co-relate design and manufacturing interface
4. To understand different manufacturing processes
5. To know technological nuances in apparel production.
6. To understand how important quality Control

<u>Unit no.</u>	<u>Topic</u>	<u>Detailed Sub- Topic</u>	<u>Hours Needed</u>
-			-

1.	<u>Fundamental Structure of Indian Garment manufacturing Industry</u>	<u>Industrial Revolution</u> <u>Bulk Manufacturing</u> <u>SWOT Analysis of garment industry in India</u> <u>WTO & MFA</u>	<u>3</u>
2.	<u>Organization structure of a garment manufacturing unit work Flow</u>	<u>Roles and responsibilities of the departments</u> <u>Work Flow from Fabric Inspection till Packaging</u>	<u>3</u>
3.	<u>Fabric Stores</u>	<u>Count, GSM, Weave, Lab Dips, Yarn Dips, Print & Embd. Artwork. Knit downs, Desk Looms, FPT, etc.</u> <u>4 point fabric inspection system</u> <u>Making of Shade lots and Shade bands</u> <u>Sampling Fabric</u> <u>Fabric to cutting</u> <u>Initial & Final Bulk</u> <u>Surplus Fabric</u>	<u>3</u>
4.	<u>Cutting Room</u> -	<u>Cutting Room</u> <u>Flow Process</u> <u>Marker Planning Role of CAD in Marker</u> <u>Spreading & Cutting Equipments</u>	<u>3</u>
5.	<u>Interlining & Fusing Technique</u>	<u>Various types of resins & substrate</u> <u>Equipments used for fusing operation</u> <u>Quality Problems associated with fusing process</u> -	<u>3</u>
6.	<u>Sewing Room</u> -	<u>Stitch & Seam Classification with their usage and properties</u> <u>Types of Sewing Machines</u> <u>Work aids & attachments</u> <u>Production Systems</u> <u>Operation Breakdown of garment</u>	<u>3</u>

7.	<u>Sewing Room</u>	<u>Production Planning & Control</u> <u>SAM WIP , BufferTime & Method Study</u> <u>PMTS</u> <u>Line Balancing</u>	<u>3</u>
8.	<u>Finishing Room</u> -	<u>Ironing, Pressing & Finishing techniques with equipments</u> <u>Thread Trimming, Spotting, Tagging</u> <u>Folding, Packing & Packaging</u>	<u>6</u>
9.	<u>Quality Control</u> -	<u>Definition of Quality</u> <u>Importance of testing and inspection</u> <u>Stages of Quality Control</u> <u>Inspections</u> <u>Quality Manual</u>	<u>6</u>

REFERENCES:

1. Introduction to Clothing Manufacture- Gerry Cooklin
2. Managing Quality in Apparel Industry- P V Mehta & K Bhardwaj
3. Technology of Clothing Manufacture- Carr & Latham

Semester 5									
Code	Course	T/P/T&P	Hours	H	L	P	C	Days	
FAFD0508	Prototype Development(Core)	T & P	45	3	1	2	2	30	

OBJECTIVES:

Prototype development is the core subject learning about the product development. Prototype solves the logistical nightmare of launching new fashion products with our innovative, streamlined process. We bridge the gaps of language, culture & working style to get you the results you need, quickly and efficiently.

COURSE CONTENT:

A prototype is *not* a dummy, mock-up, fit sample or first sample etc. Those sample types are common to the pre-prototype stages, the steps in your journey to get a prototype.

By definition, a prototype is a benchmark. As a benchmark, it is used for certain tests. Among other things, a prototype is a proof of:

- The final interpretive word on design details and execution,
- the proof of fabric and hardware allocation (yield or utilization),
- and perhaps most importantly of all -the proof for costing purposes.

REFERENCES:

THE IMPORTANCE OF PROTOTYPING - TEST FIT ANALYSIS AND FEEDBACK
Authors: Sonika Soni Khar, Pearl Acade, Himadri hiren Ghosh, Bhanasthali university

Semester 5								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0509	Draping	T & P	60	4	0	4	2	40

OBJECTIVES:

Using Draping techniques to create new Fashion Design ideas. In this Course, Draping is used to develop basic Bodice, Basic Skirt, Basic Dress, a Circle Skirt, etc. Even though this is primarily a **Basic Course**, I will also show you some more advanced techniques such as draping a Circle Skirt which is a more challenging technique.

COURSE CONTENT :

- Draping history
- Learning the fabric ongrain and offgrain
- Basic front
- Basic back
- Basic skirt
- Combination of basic bodice and skirt .A dress
- Yoke
- Princess line
- Gathers, Pleats
- A line dress
- Final Product

REFERENCES:

Draping The complete course, Karolyn Kiisel

Semester 5								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0410	Elective(Photography)	T & P	60	4	0	4	2	40

OBJECTIVES:

This course uses the advanced digital camera to build basic skills in students who have an interest in photography, but no prior experience. Using a combination of lecture, demonstration, and hands-on exercises, this course will explore the basic photographic techniques and artistic concerns involved in making photographs. These include camera handling, composition, effective use of light, file management, digital image manipulation and developing a photographic vision. Students entering the course must have a digital camera with aperture priority, shutter priority, and exposure compensation. Students are also responsible for all digital storage media.

COURSE CONTENT:

- History of photography
- Photoshop
- Natural and artificial photographic light sources
- Photo Corrections
- Film camera processing
- Portrait photography

REFERENCES:

- Understanding Exposure by Bryan Peterson. ...
- Tony Northrup's Dslr Book: How to Create Stunning Digital Photography. ...
- The Digital Photography Book Volume 2 by Scott Kelby. ...
- The Creative Digital Darkroom by Katrin Eismann and Sean Duggan. ...
- The Hot Shoe Diaries by Joe McNally.

Sem 6 Teaching Schemes- Indus Design School- Indus University- 2021							
Code	Course		Hrs	H	L	P	C
FAFD0601	Garment Sewing - IV	P	75	5	1	4	3
FAFD0602	Pattern Drafting - IV	P	75	4	2	2	3
FAFD0603	Fashion Illustration (Men Wear))	P	60	4	2	2	3
FAFD0604	Creative Surface Design	P	45	3	1	2	2
FAFD0605	Printing & Dying Techniques	P	45	4	0	4	2
FAFD0606	Softwear- Pattern Making	P	30	2	1	2	2
FAFD0607	Marketing Process	T&P	45	3	1	2	2
FAFD0608	Prototype Development(Core)	P	45	3	1	2	2
FAFD0609	Advance Draping	P	60	4	0	4	2
FAFD0610	Elective Subject	p	60	4	0	2	1
			540	35			22

Semester 6								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0601	Garment Sewing - IV	T & P	60	4	0	4	2	40

OBJECTIVES:

6. Explore and experiment with various types of fabrics.
7. Learn and apply utility of various components in a garment.
8. Developing proficiency in assembling and combining different components of a garment.
9. Exploring creative stylization components and finishing.
10. Understanding finishing techniques in a garment.

COURSE CONTENT:

Mens Shirt
 Mens Trouser
 Mens waistcoat
 Mens blazer

Reference

Pearson Pattern Making for Fashion Design

Semester 6								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0602	Pattern Drafting IV	P	75	5	1	4	3	50

OBJECTIVES:

This Course is about using the techniques of pattern making, also known as pattern drafting, in fashion design, to create patterns that will then be used to cut fabric and ultimately be sewn into garments. ... As a fashion designer, pattern making is essential in learning how garments are created and put together.

COURSE CONTENT:

Mens Shirt
Mens Trouser
Mens Westcoat
Mens Blazer

REFERENCES:

6. Armstrong, Helen Joseph - Patternmaking for Fashion Design.
7. Helen Stringer-Pattern Drafting for Dress Making
8. Martin M. Shoben & Janet P. Ward - Pattern Cutting and Making up: The Professional Approach
9. Sylvia Rosen- Comprehensive study on Patternmaking for Fashion Design (New Jersey 2004)
10. Winifred Aldrich-Fabric, Form and Flat Pattern Cutting

Semester 6								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0603	Fashion Illustration (Men Wear)	P	60	4	2	2	3	40

OBJECTIVES:

The Fashion Illustration Course is not only the design or representation of a garment, but more of an art form. The student will learn the basics of fashion illustration: drawing technique of the human figure and different techniques such as using pencil, markers, watercolours, paint, computer programs, etc.

COURSE CONTENT:

Mens body parts drawing
Mens fashion figure
Mens Stylised figure
Mens fashion postures
Mens collection for brand

REFERENCES:

1. Charlotte Mankey Calasibetta, Phyllis G. Tortora, Illustrations by Bina Ablng, The Fairchild Dictionary of Fashion, 3rd Edition, Fairchild Publications, New York, 2003.
2. Helen Brockman "The Theory of Fashion Design" New York, John Willey & Sons., 1967.

Semester 6								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0604	Creative Surface Design	P	45	5	1	4	3	50

OBJECTIVES:

The surface design of an object is an integral part of the object itself. It can be decorated in such a way that key aspects of the object's function are encoded or it may serve only to present an engaging aesthetic. It may be a thing that has been applied onto the surface or it may be integral to the material and the object itself. Surface Design is a studio course. Students will learn how to apply designs onto a wide range of surfaces and materials using a range of techniques. Students will be introduced to surface design through projects involving the researching of visual sources, idea development through drawing and colour sketches and final output.

COURSE CONTENT:

Unconventional Materials
Unconventional surfaces
Surface Manipulation
Mixing of surface techniques
Product collection

REFERENCES:

1. Mastering the art of fabric printing and design - techniques, tutorials and inspiration by Laurie Wisbrun (2012)

2. A field guide to fabric design: Design, print & sell your own fabric: Traditional & digital techniques for quilting, home decor & apparel by Kim Kight (2011)
3. Fashion print design: From idea to final print by Ángel Fernández and Daniela Santos Quartino (2014)
4. Pattern design with over 1,500 illustrations edited by Elizabeth Wilhide (2018)
5. Color and pattern - 50 playful exercises for exploring pattern design by Khristian A. Howell (2015)
6. Print, make, wear - Creative projects for digital textile design by Melanie Bowles and The People's Print (2015)

Semester 6									
Code	Course	T/P/T&P	Hours	H	L	P	C	Days	
FAFD0605	Printing & Dying Techniques	P	45	3	1	2	2	30	

OBJECTIVES:

Dyeing and [printing](#) are processes employed in the conversion of raw textile fibres into finished goods that add much to the appearance of textile fabrics. Most forms of textile materials can be dyed at almost any stage. Quality woollen goods are frequently dyed in the form of loose [fibre](#), but top dyeing or cheese dyeing is favoured in treating worsteds. Manufacturers prefer piece dyeing, which allows stocking of white goods, reducing the risk of being overstocked with cloth dyed in colours that have not been ordered.

COURSE CONTENT:

UNIT-I

Printing – Introduction to printing, differences between printing and dyeing, preparation of fabric for printing – cotton, linen, polyester, wool and silk, methods of printing, preparation of printing paste, selection of thickening agents.

UNIT II

Typical sequence of processes. Object and methods Singeing, Desizing, Scouring, Synthetic Fiber Heat setting, Wool carbonizing, Weighting of silk.

UNIT III

Mercerization – Methods – Chemicals – effects. Bleaching – Hypo chlorites – Hydrogen peroxide – sodium chlorite. Equipments and chemicals for bleaching of cotton, viscose, cotton/ viscose Polyester/ cotton. Evaluation of bleached fabric – whiteness – absorbency – chemical damage - residues.

UNIT III

Dyeing – Classification of colorants – fastness properties of dyes

UNIT IV

Printing styles of printing – direct – discharge – resist styles. Methods of printing – screen printing – automatic screen printing – roller printing – rotary printing – transfer printing. Fixation and after treatment.

UNIT V

Wet processing of knitted fabric – Scouring – Bleaching dyeing – printing calendering.
 Shrink controlling - steaming. Wet processing of polyester, Nylon, Silk, wool and their blends.
 Finishing – Conventional finishes

REFERENCES:

1. “Elementary Idea of Textile Dyeing, Printing and Finishing” by Kanwar Varinder Pal Singh
2. “Printing of Cotton Fabrics, Comprising Calico Bleaching, Printing, and Dyeing” by Sansone Antonio
3. “Dyeing and Screenprinting On Textiles” by Joanna Kinnersly-taylor
4. “Techniques of Dyeing and Printing” by Hemalatha Jain
5. “Martha Stewart’s Encyclopedia of Crafts: An A-to-Z Guide with Detailed Instructions and Endless Inspiration” by Martha Stewart Living Magazine
6. “An Introduction To The Bleaching, Dyeing, Printing And Finishing Of Textiles” by EIRI Board
7. “Silk Dyeing, Printing and Finishing” by G H Hurst
8. “The Chemical Technology Of Textile Fibres – Their Origin, Structure, Preparation, Washing, Bleaching, Dyeing, Printing And Dressing” by Georg Von Georgievics
9. “Technology of Textiles – Spinning and Weaving, Dyeing, Drying, Printing and Bleaching” by Eiri Board

Semester 6								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0606	Software- Pattern Making	P	30	2	0	2	1	20

OBJECTIVES:

The Pattern Making course provides training in three areas:

- Drafting: How to construct block patterns and pattern adaptation to develop your own styles ready for assembly.
- Lay planning: How to lay out your pattern on your chosen fabrics.
- Assembly: Basic sewing and assembly instructions.

The Pattern Making courses can be complemented with the Optional Tools that can be ordered separately to this course.

The pattern making system has been available for over 30 years and has been tested and used by thousands all over the world. There is no limit to your design ideas! Learn how to create your own styles and how to bring your ideas to life.

COURSE CONTENT:

Basic drafting process
 Basic Bodice, Trouser drafting
 Pattern Grading
 Pattern Marker & fabric consumption

REFERENCES:

The Pattern Making Primer, by Jo Barnfield

Pattern Making Made Easy 3rd Ed, by Connie Crawford
 The Complete Photo Guide to Perfect Fitting, by Sarah Veblen
 Pattern Making for Fashion Design 5th ed, by Helen Armstrong
 Designing Apparel Through the Flat Pattern, by Ernestine Kopp
 The Practical Guide To Patternmaking For Fashion Designers: Menswear And
 The Practical Guide To Patternmaking For Fashion Designers by Lori A. Knowles
 A Modern Guide to Stitch-and-Wear Vintage Patterns You Can Make in an Afternoon

Semester 6								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0607	Marketing Process	P	45	3	1	2	2	30

OBJECTIVES:

- To enable students to gain better understanding on markets and marketing concepts
- To familiarize them with the distinctive aspects between fashion and generic marketing
- To enable students to classify markets.
- To familiarize them with research methods
- To enable creation of market oriented designs

Course Content

Unit No.	Topic	Detailed Sub - Topic
1.	Fashion Marketing	Overview of fashion in the context of Marketing Overview of Fashion Sector
2.	Introduction to Marketing	Marketing Definitions
3.	Core Concepts of Marketing	Concepts and Philosophy behind Marketing

4.	Micro & Macro	Fashion Marketing Environment Internal & External Environment Market Trends and Influences
5.	Process, segmentation & target	Marketing Process Market Segmentation Market Targeting Marketing Positioning
6.	Product	Product Attributes Different product Levels Fashion Products Product lifecycle Fashion Lifecycle
7.	Pricing	Objectives Methods Strategies
8.	Promotion	
9.	Place(Distribution)	Channels Marketing Intermediaries Logistics and Supply Chain Service marketing
10.	Fashion Consumer	Consumer behavior Consumer buying process
11.	Brands and Branding Process	Need Types of data Research process Analysis Perceived values Brand evaluation

References Books:

- Principles of Marketing by P. Kotler

- Consumer Behaviour – Schiffmann & Kanuk
- Fashion Marketing - Janet Bohdanowicz & Liz Clamb
- Marketing Research: Text & Cases – Boyd, Westall & Stasch

Semester 6								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0608	Prototype Development(Core)	P	45	3	1	2	2	30

OBJECTIVES: Prototype development is the core subject learning about the product development. Prototype solves the logistical nightmare of launching new fashion products with our innovative, streamlined process. We bridge the gaps of language, culture & working style to get you the results you need, quickly and efficiently.

COURSE CONTENT:

A prototype is *not* a dummy, mock-up, fit sample or first sample etc. Those sample types are common to the pre-prototype stages, the steps in your journey to get a prototype.

By definition, a prototype is a benchmark. As a benchmark, it is used for certain tests. Among other things, a prototype is a proof of:

- the final interpretive word on design details and execution,
- the proof of fabric and hardware allocation (yield or utilization),
- and perhaps most importantly of all -the proof for costing purposes.

REFERENCES:

THE IMPORTANCE OF PROTOTYPING - TEST FIT ANALYSIS AND FEEDBACK
 Authors: Sonika Soni Khar, Pearl Academy, Himadri hiren Ghosh, Bhanasthali university

Semester 6								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0609	Advance Draping	P	60	4	0	4	2	40

OBJECTIVES:

- The Fashion Draping Course is aimed for the aspirants who wants to explore their creativity and develop draping portfolio.
- The learner will expand their creative skills and master the art of fashion draping.
- Students will be guided to create various innovative garments from draping muslin to transferring their final drape onto pattern paper.

COURSE CONTENT:

- Introduction to creative and Contemporary Fashion Draping
- Fashion Draping with Fabric Manipulation
- Draping cowls
- Draping a garment using Ruching Technique
- Draping a garment using Pleating Technique
- Draping a garment using Fluting technique
- Zero wastage draping
- Creative drapes
- Draping a bra & bustier with cups
- Draping Men's garments
- Transferring the drape on paper to create paper pattern

REFERENCES:

1. "The Science of Grading Patterns for Men's Boys' and Children's Clothing (Classic Reprint)" by Harry Simons
2. "Pattern Grading for Women's Clothes: The Technology of Sizing" by Gerry Cooklin
3. "Patternmaking and Grading Using Gerber's AccuMark Pattern Design Software" by Michele Lininger
4. "Draping: The Complete Course" by Karolyn Kiisel
5. "Cutting and Draping Party and Eveningwear: Dressmaking and Pattern Cutting for Special Occasion Clothes" by Dawn Cloake
6. "Couture Unfolded: Innovative Pleats, Folds and Draping in Fashion Design" by Brunella Giannangeli
7. "The Art of Fashion Draping" by Connie Crawford

Sem 7 Teaching Schemes- Indus Design School- Indus University- 2021							
Code	Course		Hrs	H	L	P	C
FAFD0701	Creative pattern making	P	135	5	1	4	3
FAFD0702	Textile Care & Renovation	T&P	75	4	2	2	3
FAFD0703	Ecofriendly Textiles	T&P	90	4	2	2	3
FAFD0704	Portfolio	P	90	3	1	2	2
FAFD0705	Styling	P	90	4	0	4	2
FAFD0706	Elective Subject	P	60	2	1	2	2
FAFD0707	Advanced draping	P	60	3	1	2	2
			540				

Semester 7								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0701	Creative pattern making	P	135	9	3	6	6	90

OBJECTIVES:

The course encourages research and discussion of new methods and experimental techniques in creative pattern cutting, to develop practical and analytical skills. The course aims to support the development of imaginative approaches to problem solving within the technical and design sector of the fashion industry.

The aim of this course is to enable you to:

- Critically appraise the importance of social, technological and cultural dimensions of garment construction as applied to your personal practice and that of others.
- Evidence advanced knowledge and understanding of the complete fashion design cycle, from concept to garment including its emerging and future trends.
- Systematically plan, negotiate, and implement a coherent body of work underpinned by advanced practice and research in creative pattern cutting.
- Contribute to the principles and processes inherent in design and creative pattern cutting to extend the life of clothing.
- Evidence awareness and relevance of your practice in relation to professional standards in creative pattern cutting and garment construction.

COURSE CONTENT:

Sheath/Shift/Box-Pattern and test fit
Shoulder princess pattern
Empire line dress pattern and stitch

Tent dress pattern and stitch
 Kimono sleeve
 Raglan sleeve
 Capes sleeve
 Hood sleeve
 Bias dress - Slip dress
 Butterfly twist dress
 5 panel corset
 Bust corset
 3d dress variations
 Unconventional corset
 Assymetric flare dress

REFERENCES:

Patternmaking for Fashion Design (Hardcover)

by Helen Joseph-Armstrong

Metric Pattern Cutting for Women's Wear (Hardcover)

by Winifred Aldrich

Practical Guide to Patternmaking for Fashion Designers: Juniors, Misses and Women (Paperback)

by Lori A. Knowles

Fashion Patternmaking Techniques Vol. 2: Women/Men. How to Make Shirts, Undergarments, Dresses and Suits, Waistcoats, Men's Jackets

Patternmaking Made Easy (Spiral-bound)

by Connie Amaden-Crawford

Semester 7								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0702	Textile Care & Renovation	T& P	75	5	3	3	4	50

OBJECTIVES:

To impart the knowledge about laundering techniques. To about soap manufacturing and awareness of stains and stain removals.

COURSE CONTENT:

UNIT-I

Water- hard and soft water, methods of softening water. Laundry soaps – Manufacture of soap (Hot process, cold process), composition of soap types of soap, soap less detergents, chemical action, detergent manufacture, advantages and disadvantages of detergents.

UNIT-II

Finishes- definition, importance to the consumer, classification according to durability and function. singeing, scouring, bleaching, mercerization calendaring, sizing, de-sizing, brushing, carbonizing, crabbing, fulling, heat setting, shearing, weighting, stentering, napping and emerizing.

Special Finishes and Treatments- water repellent and water proof finishes, antistatic finish, anti-slip finish, flame retardant finishes, crease resistant finishes, durable press and shrink resistant finishes. Care Label Explanations.

UNIT-III

Principles of washing – suction washing, washing by kneading and squeezing. Washing by machine - process details and machine details. Laundering of different fabrics – cotton and linen, woolens, colored fabrics, silks, rayon and nylon. Laundering of protective clothes.

UNIT-IV

Special types of Laundry – water proof coats, silk ties, leather goods, furs, plastics, lace. Dry cleaning – using absorbents, using grease solvents. Storing – points to be noted. Stain removal – food stains, lead pencil, lipstick, mildew, nose drops, paint, perfume, perspiration / mildew, tar, turmeric and kum- kum.

Reference Books

- 1 Wingate I B Textiles fabrics and their Selection Allied publishers Ltd, Chennai
 - 2 SusheelaDantyagi Fundamentals of Textiles and their Care Orient Longmann Ltd 1980
 - 3 DurgaDuelkar Household Textiles and Laundry Work Amla Ram & Sons, Delhi.
- Advanced Textiles for Health and Wellbeing

Semester								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0703	Ecofriendly Textiles	T& P	90	6	2	4	4	60

OBJECTIVES:

This module enables students to explore and investigate the possibilities in sustainable and ethical fashion.

COURSE CONTENT:

Environmental Impact and Sustainability associated to the fashion design industries:

- Issues on environmental impact and sustainability within the fashion design industries

Resource consumption and depletion associated to the fashion design industries:

- Resource consumption within the design industries
- Deforestation
- Non – Renewable Energies
- Non – Renewable Materials

Traditional Sustainable materials & technologies in the construction and fashion design industries: Cotton – non GM cotton/linen/silk – peace silk/Recycled/Up-cycled materials and techniques

Innovations in sustainable materials and technologies associated to the fashion design industries: Bamboo/pineapple/other innovative materials, Recycled and up-cycled materials

Renovation and restoration: Up-cycling and recycling within the fashion design industries. Ethical issues within the fashion design industries associated to: Labour, Conditions, Health & Safety, Remuneration, Waste management.

Renewable Energy Vs. Non-Renewable Energy within the design industry: Impact of non-renewable i.e. traditional fossil fuel based energies in the fashion industry. Renewable energy systems and technology innovations, Sustainable energy schemes and initiatives in India

Sustainability and Renewable Products

- Circular Economy/ Certificates and Eco Labels
- Sustainable Functionalization and Surface Modification of Textiles
- Renewable Products for the Textile Industry (Fibers, Auxiliaries, Dyestuffs)

Reference:

1. Centre for Sustainable Fashion- www.sustainable-fashion.com
2. MISTRA Future Fashion- www.mistrafuturefashion.com
3. Sustainable Clothing Action Plan: Clothing Knowledge Hub- www.wrap.org.uk/node/19930
4. Textiles Environment Design- www.tedresearch.net
5. Textile Futures Research Centre -www.tfrc.org.uk
6. Sandy Black | The Sustainable Fashion Handbook 2012 Tamsin Blanchard | Green is the New Black: How to Change The World with Style 2008
7. Michael Braungart and William McDonough | Cradle to Cradle: Remaking the Way We Make Things 2009
8. Sass Brown | ReFashioned: Cutting Edge clothing from Recycled Materials 2013
9. Elisabeth Cline | Overdressed: The Shockingly High Cost of Cheap Fashion 2012
10. Kate Fletcher and Lynda Grose | Fashion and Sustainability: Design for Change 2012
11. M.P. Poonia & S.C. Sharma, Environmental Studies, Khanna Publishing House, 2018.
12. O.P. Gupta, Energy Technology, Khanna Publishing House, 2018.

	Semester							
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0704	Portfolio	P	90	6	0	6	3	60

OBJECTIVES:

A student portfolio is a compilation of academic work and other forms of educational evidence assembled for the purpose of evaluating coursework quality, learning progress, and academic achievement; determining whether students have met learning standards or other academic requirements for courses, grade-level promotion, and graduation; helping students reflect on their academic goals and progress as learners; and creating a lasting archive of academic work products, accomplishments, and other documentation. Advocates of student portfolios argue that compiling, reviewing, and evaluating student work over time can provide a richer, deeper, and more accurate picture of what students have learned and are able to do than more traditional measures—such as standardized tests, quizzes, or final exams—that only measure what students know at a specific point in time.

COURSE CONTENT:

- What is the purpose of a course portfolio?
- Why should instructors make a course portfolio?
- How will course portfolios benefit faculty?
- How will course portfolios help undergraduates?
- What does a course portfolio contain?
- How should you organize the items in your portfolio?
- How will course portfolios be accessed and shared?
- Do you have to include everything that we have listed in this handbook?

REFERENCES:

- “Fashion Portfolio: Design and Presentation” by Anna Kiper
- “Fashion Portfolio (Klutz)” by Editors of Klutz
- “The Fashion Sketchpad: 420 Figure Templates for Designing Looks and Building Your Portfolio” by Tamar Daniel
- “The PANTONE Fashion Sketchpad: 420 Figure Templates and 60 PANTONE Color Palettes for Designing Looks and Building Your Portfolio (Sketchpads)” by Pantone LLC and Tamar Daniel
- “Creating a Successful Fashion Collection: Everything You Need to Develop a Great Line and Portfolio” by Steven Faerm
- “Lighting for Interior Design (Portfolio Skills)” by Malcolm Innes
- “Modern Portfolio Theory and Investment Analysis” by Edwin J Elton and Martin J Gruber
- “Portfolio Presentation for Fashion Designers” by Linda Tain
- “Pattern Making (Portfolio Skills)” by Dennic Chunman Lo

	Semester							
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0705	Styling	P	90	6	2	4	4	60

OBJECTIVE:

Fashion Styling courses aim to educate candidates on professional training about fashion styling, and how to create a complete fashion look according to an event, theme, ongoing trends, one's personal style or more.

Fashion styling courses develop professional competencies in the field of the fashion business. The course programs enable candidates to recreate or create fashion images or designer's collections in collaboration with multiple brands, production houses, magazines, new fashion trends, and export houses.

COURSE CONTENT:

Editorial fashion styling, History of fashion, Art Direction, Commercial styling, Personal and celebrity, Fashion blogging, Vintage and street fashion, customisation, wardrobe edit

REFERENCES:

The Elements of Personal Style by Maggie Bullock; Joe Zee

InStyle: Secrets of Style

The pocket stylist : behind-the-scenes expertise from a fashion pro by Farr, Kendall

Star style at the Academy Awards : A century of glamour by Fox, Patty

Style A to Zoe : the art of fashion, beauty and everything glamour by Zoe, Rachel

US : secrets of celebrity style : a crash course in dressing like the stars by US Weekly & Hrabi, Dale

Semester								
Code	Course	T/P/T&P	Hours	H	L	P	C	Days
FAFD0706	Elective Subject	P	60	4	0	4	2	40

OBJECTIVES:

In photography, the subject is simply the object (or person or critter) that is shown in the image. But a single photograph can show several things — which one is the subject? The subject is the focus on the image, both literally as the sharpest point in the photograph and in a more figurative sense

The subject leads the photographer's decisions about aspects like lighting, composition, exposure settings and more. How do you decide what shutter speed to use without knowing if your subject is standing still or moving? How do you decide where to frame the scene without knowing what your subject is? The subject, then, plays an essential role in shaping the entire image.

COURSE CONTENT:

solid foundation within areas such as Art, Design & Cultural Studies, Lighting Design, Design Foundations and Cinematography.

Progress and dive deeper into exciting topics including Digital & Analog techniques, Aesthetics and Ethics and Photography as Narrative.

REFERENCES:

Understanding Exposure: How to Shoot Great Photographs with a Film or Digital Camera

Complete Photography: Understand cameras to take, edit and share better photos

Semester 8 –Graduation project