

# VIVEKANANDHA

## COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS)

ISO 9001: 2015 | NAAC 'A+' | 2 (f) & 12 (B) | Affiliated to Periyar University | Approved by AICTE

Tiruchengode - 637 205, Namakkal (Dt), Tamil Nadu.

[www.vicas.org](http://www.vicas.org)

### DEPARTMENT OF TEXTILE AND FASHION DESIGNING



### B.Sc. (TEXTILE AND FASHION DESIGNING)

PROGRAMME CODE: UTFD

UNDER AUTONOMOUS OUTCOME BASED AND TANSCHÉ SYLLABUS

FOR CANDIDATES ADMITTED FROM (2022 - 2023)

VIVEKANANDHA EDUCATIONAL INSTITUTIONS

ANGAMMAL EDUCATIONAL TRUST

**VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN  
(AUTONOMOUS)**

**TFD**

**(BACHALOR OF TEXTILE AND FASHION DESIGNING)**

(Candidates admitted from 2022-2023 onwards)

**REGULATIONS**

**I. SCOPE OF THE PROGRAMME**

B.Sc. (Textile and Fashion Designing) is a three-year Undergraduate degree program that helps the student to develop an understanding of the fashion environment and trains them to develop a range of fashion products for a targeted market segment. It also includes latest trends, cultural dynamics, and innovations in the Indian and International fashion industry. Wanting become a Fashion Designer or be part of the global fashion market, this degree gives you the necessary knowledge, skills and know how to be what you aspire.

**II. SALIENT FEATURES**

- ❖ The department of Textile and Fashion Designing course offers a broad range of career-based programmes with up-to-date infrastructure and highly-qualified and dedicated staff members.
- ❖ It implements a comprehensive, technically – driven curriculum and evolution system to ensure that its graduates are in exclusive demand in India and globally, for their exemplary technical and professional competencies, and also for their capability to take up higher education programmes.
- ❖ It encourages active research and the spirit of innovation among its faculty and students and promotes collaborative initiatives with industry and institution of high standing.
- ❖ It respects and demonstrates the core values of equity, team work, environment-friendliness and transparency

**III. OBJECTIVES OF THE PROGRAMME**

- ❖ To Provide good theoretical knowledge and practical skills required for careers in Business
- ❖ To expose the students to industries through internship, field visit, guest lecture, and projects.

- ❖ To inculcate innovative and creative thinking among students, due to the encouragement of student research activities.
- ❖ To encourage students honing their skills through students Association activities, Effective communication and Placement training programmes.

#### **IV. ELIGIBILITY FOR ADMISSION**

Candidate seeking admission to the first year Degree of Bachelor of Science in Textile and Fashion Designing shall be required to have passed in any Higher Secondary course examination (Regular academic or Vocational) of the State Board/CBSE/ICSE or other examination accepted as equivalent thereto by the Syndicate, subject to such other conditions as may be prescribed. Pass in any 3 years Diploma in Fashion/Costume/Textile/Apparel related course is eligible to admit in direct second year of this UG course.

#### **V. DURATION OF THE PROGRAMME**

- ❖ The course shall extend over a period of three academic years consisting of six semesters. Each academic year will be divided into two semesters. The First semester will consist of the period from July to November and the Second semester from December to March.
- ❖ The subjects of the study shall be in accordance with the syllabus prescribed from time to time by the Board of Studies of Vivekananda College of Arts and Sciences for Women with the approval of Periyar University, Salem.
- ❖ Each subject will have four to six hours of lecture per week apart from practical training at the end of each semester.

#### **VI. CONTINUOUS INTERNAL ASSESSMENT (CIA)**

The performance of the students will be assessed continuously and the Internal

ASSESSMENT MARKS **FOR THEORY PAPERS** WILL BE AS UNDER:

1	Average of Two Tests	-	05
2	Model Exam	-	10
3	Assignment	-	05
4	Attendance	-	05
		<hr/>	
		Total	- 25
		<hr/>	

**ASSESSMENT MARKS FOR PRACTICAL PAPERS WILL BE AS UNDER:**

1	Model Exam	-	20
2	Observation Note	-	10
3	Attendance	-	10
		<hr/>	
		Total	- 40
		<hr/>	

**PASSING MINIMUM - EXTERNAL**

<b>THEORY</b>	In the End Semester Examinations, the passing minimum shall be 40% out of 75 Marks. (30 Marks)
<b>PRACTICAL / MINI PROJECT</b>	In the End Semester Examinations, the passing minimum shall be 40% out of 60 Marks. (24 Marks)

**VII. ELIGIBILITY FOR EXAMINATION**

A candidate will be permitted to appear for the End semester Examination only on learning 75 % of attendance and only when her conduct has been satisfactory. It shall be open to grant exemption to a candidate for valid reasons subject to conditions prescribed.

**DISTRIBUTION OF MARKS FOR ATTENDANCE:**

<b>ATTENDANCE PERCENTAGE</b>	<b>MARKS</b>	
	<b>THEORY</b>	<b>PRACTICAL</b>
75-80	1	2
81-85	2	4
86-90	3	6
91-95	4	8
96-100	5	10

**VIII. CLASSIFICATION OF SUCCESSFUL CANDIDATES**

Successful candidates passing the Examination of Core Courses (Main & Allied Subjects) & Securing Marks.

- a) 75 % and above shall be declared to have passed the examination in First Class with Distinction provided they pass all the examinations prescribed for the course at first appearance itself.

- b) 60% and above but below 75 % shall be declared to have passed the Examinations in First Class.
- c) 50% & above but below 60% shall be declared to have passed the examinations in Second Class.
- d) All the remaining successful candidates shall be declared to have passed the examinations in Third Class.
- e) Candidates who pass all the examinations prescribed for the course at the First appearance itself and within a period of Three Consecutive Academic years from the year of admission only will be eligible for University Rank.

#### **IX. ELIGIBILITY FOR AWARD OF THE DEGREE**

A candidate shall be eligible for the award of the Degree only if she has undergone the above Degree for a period of not less than Three Academic years comprising of six semesters and passed the Examinations prescribed and fulfilled such conditions has have been prescribed therefore.

#### **X. PROCEDURE IN THE EVENT OF FAILURE**

If a candidate fails in a particular subject, she may reappear for the university examination in the concerned subject in subsequent semesters and shall pass the examination.

#### **XI. COMMENCEMENT OF THESE REGULATIONS**

These regulations shall take effect from the academic year 2018-19 (i.e.,) for the students who are to be admitted to the First year of the course during the Academic year 2018-19 and thereafter.

#### **XII. TRANSITORY PROVISIONS**

Candidates who were admitted to the UG course of study before 2018-2019 shall be permitted to appear for the examinations under those regulations for the period of Three years ie., up to and inclusive of the Examinations of 2021-2022. Thereafter, they will be permitted to appear for the examinations only under the regulations then in force.

### **EVALUATION OF EXTERNAL EXAMINATIONS (EE)**

<b><u>QUESTION PAPER PATTERN – Theory</u></b>	
<b>Time duration: 3 Hours</b>	
<b>Max. Marks: 75</b>	
<b>PART- A:</b> <b>(20 x 1= 20)</b>	Answer all the Questions Four Questions from each Unit
<b>PART- B:</b> <b>(5 x 5 = 25)</b>	Answer all the questions One Question from each Unit (Either or Type)
<b>PART- C:</b> <b>(3 x 10 = 30)</b>	Answer any <b>THREE</b> of the questions One Question from each Unit (3 Out of 5)
<b>IN THE END SEMESTER EXAMINATIONS, THE PASSING MINIMUM SHALL BE 40% OUT OF 75 MARKS. (30 MARKS)</b>	

<b><u>QUESTION PAPER PATTERN – Practical</u></b>	
<b>Time duration: 3 Hours</b>	
<b>Max. Marks: 60</b>	
1. One compulsory question from the given list of objectives	<b>30 Marks</b>
2. One either/or type question from the given list of objectives	<b>30 Marks</b>
<b>IN THE END SEMESTER EXAMINATIONS, THE PASSING MINIMUM SHALL BE 40% OUT OF 60 MARKS. (24 MARKS)</b>	

#### **Programme Specific Outcomes (PSOs)**

- To impart theoretical & practical knowledge so as to provide a strong foundation for studies for career.
- To prepare the students for a wide variety of jobs in garment industry and to apply their creative mind in the designing of apparel and home textile
- Wide variety of employability options such as Design Director, Fashion Director, Style advisor, Fashion Buyer, Design Manager, Design Consultant, Fashion Blogger, Couturier, Fashion critic, Fashion Illustrator and Fashion Merchandiser

## **Programme Outcomes (POs)**

- ❖ Analyze and identify required parameters vital to design and manufacture apparel products suiting the needs of the market
- ❖ Acquire creative and innovative skills in designing apparels with due considerations to public health, safety, cultural, societal and environmental factors.
- ❖ Understand the impact of sustainable development in apparel manufacturing processes.
- ❖ Understand the commitment towards professional ethics and responsibilities in the entire textile business process.
- ❖ Apply the knowledge, skill and attitude as a team player in initiating, executing and managing projects in the areas of design, manufacture, marketing and entrepreneurship in multi-disciplinary environments.
- ❖ Students would be equipped with Skills for Life Long Learning.
- ❖ Students would have set up strong foundation to their career in the field of Costume design and fashion.
- ❖ Students would have acquired essential workplace skills.
- ❖ Apply the technical skills to analyze and execute various of designs.
- ❖ Understand how the Indian and Global fashion markets work and be able to work in it.
- ❖ Students would develop professional practices in tune with the changing Dynamics of the Fashion industry landscape.
- ❖ To be Equipped with Skills for Life Long Learning.
- ❖ To set up strong foundation to their career in the field of Costume design and fashion.
- ❖ To acquire essential workplace skills.
- ❖ To apply the technical skills to analyze and execute various of designs.
- ❖ To understand how the Indian and Global fashion markets work and be able to work in it.
- ❖ To develop professional practices in tune with the changing Dynamics of the Fashion industry landscape.

**Program Educational Outcomes (PEOs)**

The **B.Sc. (Textile & Fashion Designing)** program describe accomplishments that graduates are expected to attain within five to seven years after Graduation

PEO1	The student can excel in the field of <b>Textile &amp; Fashion Designing</b> after the completion of the Program.
PEO2	The student can develop his own brands in Apparel Sector.
PEO3	Start- Up of An Entrepreneur with potential is possible with new ideas towards Apparel Industry.
PEO4	The student can choose to work as a freelance designer.
PEO5	The student can begin his career in the area of Apparel Production.
PEO6	The student can work as Quality Mangers in Garment Industry
PEO7	The student can work as Fabric Mangers in woven & Knitted Fabric sector.
PEO8	The student can also work as an industrial engineer.
PEO9	The student can work as Merchandiser and Costing Mangers in Garment Industries.
PEO10	The student can act as Consultant in Apparel Sectors.



**TFD CURRICULUM FOR ACADEMIC YEAR 2022 – 2023**  
**COURSE PATTERN AND SCHEME OF EXAMINATIONS UNDER AUTONOMOUS,**  
**CBCS & OBE PATTERN**  
**FOR THE CANDIDATES ADMITTED FROM THE YEAR 2022 – 2023**  
**SEMESTER: III & IV**

SEM	Part	Course Code	COURSE TITLE	Hrs	CRE DIT	MARKS		
						CIA	EX	TOTAL
III	I	22U3LT03	Foundation Tamil - 3	4	3	25	75	100
	II	21U3CE03	Foundation English - 3	4	3	25	75	100
	III	22U3TFC02	Fabric Science	4	3	25	75	100
	III	22U3TFC03	Clothing Care	4	3	25	75	100
	III	22U3TFCP04	Fabric Science Practical	3	2	40	60	100
	III	22U3TFCP05	Children's Apparel Practical	4	3	40	60	100
	III	22U3TFA02	Fashion Designing	3	2	25	75	100
	III	22U3TFAP03	Fashion Designing Practical	2	2	40	60	100
	IV	22U3TFN01	Preliminaries of Textile Industry	2	2	25	75	100
	<b>Total</b>				<b>30</b>	<b>23</b>	<b>220</b>	<b>480</b>
IV	I	22U4LT04	Foundation Tamil – 4	4	3	25	75	100
	II	22U4CE04	Foundation English – 4	4	3	25	75	100
	III	22U4TFC04	Non-Woven & Technical Textile	4	3	25	75	100
	III	22U4TFA03	Fashion Business Communication	4	3	25	75	100
		22U4TFC05	Textile Processing	4	3	25	75	100
	III	22U4TFCP06	Women's Apparel Practical	3	2	40	60	100
	III	22U4TFCP07	Textile Processing Practical	3	2	40	60	100
	IV	22U4TFSP01	Embroidery Practical	2	2	40	60	100
	IV	22U4TFN02	Fashion Designing	2	2	25	75	100
	<b>Total</b>				<b>30</b>	<b>23</b>	<b>220</b>	<b>480</b>

❖ **15 Days Internship to any Textile Processing / Garment Industry (viva voce for the internship training in V semester) After completion of the IV semester during vacation students have to go Internship Training for 15 Days, The Viva-Voice examination will be conducted in V semester**

**SEMESTER: V & VI**

SEM	Part	COURSE CODE	COURSE TITLE	Hrs	CREDIT	MARKS		
						CIA	EX	TOTAL
V	III	21U5TFC06	Computer in Textile Industry	5	4	25	75	100
	III	21U5TFC07	Textile Finishing	5	4	25	75	100
	III	21U5TFA04	Apparel Costing & Merchandising	5	3	25	75	100
	IV	21U5TFCP09	Internship Viva-Voce	-	2	40	60	100
	IV	21U5TFCP08	Computer in Textile Industry Practical	5	4	40	60	100
	IV	21U5TFCP10	Men's Apparel Practical	5	4	40	60	100
	III	21U5TFE01	Entrepreneurship Development of Skills	5	3	25	75	100
	<b>Total</b>				<b>30</b>	<b>24</b>	<b>220</b>	<b>480</b>
VI	III	21U6TFC08	Knit Science	5	5	25	75	100
	III	21U6TFA05	Apparel Testing and Quality Management	5	4	25	75	100
	III	21U6TFCP11	Accessories Making Practical	4	4	40	60	100
	III	21U6TFE02	International Trade and Documentation	6	4	25	75	100
	IV	21U6TFSP02	Fashion Portfolio Presentation Practical	5	2	40	60	100
	IV	21U6TFSP03	Beauty Care Practical	5	2	40	60	100
	V		Extension Activities	-	1	-	-	-
	<b>Total</b>				<b>30</b>	<b>22</b>	<b>195</b>	<b>405</b>
<b>Grand Total</b>				<b>180</b>	<b>140</b>	<b>1210</b>	<b>2790</b>	<b>4100</b>

# **SEMESTER-III**

**Basic Knowledge in Garment Machineries**

**Course Objectives:**

1. To impart knowledge on woven fabrics
2. To help students understand fabric formation process.
3. To impart knowledge on woven fabric Designs and Structures.

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Clarify the preparatory processes involved in the woven fabric production.
2. Explain the principles of sizing process and its methods.
3. Infer about the basic mechanism of loom and its structure.
4. Categorize the woven fabrics and its structure
5. Differentiate the types of looms and jacquard mechanisms involved in woven fabric production.

**Unit:1 Preparatory Process**

Classification of fabric forming methods – Weaving preparatory processes - Objects of winding process – Winding types – Passage of material through high-speed automatic cone winding machine – Passage of material through precision winding machine – Winding terminologies, open wind and close wind – Winding defects, causes & remedies. Pirn winding – Objects - Passage of material through an automatic high speed pirn winder.

**Unit:2 Sizing Process**

Objects of warping – Types of warping – Passage of material through high-speed modern beam warping machine & sectional warping machine – Warping defects, Causes & remedies. Objects of sizing – comparison of two cylinder, multi cylinder & hot air sizing machines – Sizing ingredients & their functions – Size paste preparation – Sizing defects, causes & remedies

**Unit:3 Basic Mechanisms of Looms**

Passage of material through a plain power loom – Basic mechanisms of a loom – Primary, secondary & auxiliary motions – Tappet shedding – Cone over pick & under pick mechanisms – Beat up mechanism – Types of let off & take up mechanisms – Fabric defects, causes & remedies

#### **Unit:4 Weaving and its types**

Introduction to weaves – Weave diagram – Plain weave & derivatives – Twill weave & derivatives – Satin & sateen weaves – Ordinary and Brighton Honey Comb; Huck-a-Back; Mock Leno; extra warp and extra weft figuring – single and double colour.

#### **Unit:5 Loom types**

Objects of dobby & jacquard mechanisms – Types of dobby & jacquards – Study of negative & positive dobbies – Study of single cylinder & double cylinder jacquard mechanisms. Shuttle less looms: Introduction - Advantages - Types of shuttles less looms: projectile, rapier, air jet, water jet and multi-phase weaving.

#### **Text Book(s)**

1. R.Marks, A.T.C. Robinson, Principles of Weaving, The Textile Institute, Manchester(1976)
2. B.Hasmukhrai, Fabric Forming, SSM ITT Cooperative stores Ltd, Komarapalayam(1996).
3. K.T.Aswani, Fancy Weaving Mechanism, Mahajan Book Distributors, Ahmadabad(1990).
4. N.Gokarneshan, Fabric Structure and Design, New Age International Publishers,New Delhi(2004).

#### **Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

1. <https://www.cottonworks.com/topics/sourcing-manufacturing/weaving/basic-woven-designs-introduction-to-woven-fabric/>
2. <https://www.textileschool.com-453-wovendesign->
3. <https://www.intechopen.com/books/advances-in-modern-woven-fabric-technology/color-and-weave-relationship-in-woven-fabric>

**22U3TFC03**

## **CLOTHING CARE**

### **Core-III**

#### **Basic Knowledge about garment and fabric care**

##### **Course Objectives:**

1. This course facilitates an understanding, care and maintenance of textiles and orients the learners in the field of clothing industry.
2. The learners are expected to know the laundry soaps, Laundry equipment and dry cleaning in textile industry.
3. Impart the knowledge of machines and equipment used in washing, storing, and ironing process.

##### **Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Identify the suitable methods of washing, drying, ironing and storing
2. Evaluate the methods and equipment to be used for the better life of clothes
3. Appraise the stiffening agents used in fabric washing.
4. Recognize the principles of washing and its facts.
5. Analyze the special types of laundry for special fabrics and care label symbols.

##### **Unit:1 Clothing Care Essentials**

Water- hard and soft water, Determination of water hardness methods of softening water. Zeolite or Base Exchange method. Laundry Cl soaps – Manufacture of soap and methods, composition of soap, types of Soap, soap less detergents, chemical action, detergent manufacture, and advantages of detergents. Difference between soap and detergents.

##### **Unit:2 Laundry and Drying Equipment**

Laundry equipment and reagents: Study of laundry equipment and laundry reagents - soaps - detergents - cleaning action of soaps, indigenous cleaning agents - rita nut - shikakai - green gram - bran solution – study of modern and industrial cleaning agents

##### **Unit:3 Finishes and stiffening agents**

Stiffening Agents: Study of stiffening agents –purpose of stiffening-classification of stiffening Agents preparation and uses of stiffeners – natural and commercial starches – reparation

of starch for use – bleaching agents - bluing and tinting agents and their application–optical whiteners.

#### **Unit:4 Principles of Washing**

Washing Machine And Care Labels: Study of different types of house hold/industrial washing machine- rotary - swirling - pressure - tumble wash etc; the various systems of care labeling -

washing instruction. Bleaching instruction – drying instruction-ironing instruction-dry cleaning instruction. Placement of labels on garments.

#### **Unit:5 Special Types of Laundry & Care Labels**

Stain Removal: Principles of laundering – stain removal – various solvents for stain removing blood, tea, rust; oil/grease etc. – different methods of washing - application of friction by hand rubbing - scrubbing - tumble wash. General rules and ways of stain removal.

#### **Text Book(s)**

1. Dantya, —Fundamentals of Textile and Their Care, Oriental Longmans Ltd, New Delhi, 1996
2. Denkar, —Household Textiles and Laundry Work, Atma Ram and Sons, Delhi, 1993
3. Neomi D'Souza, —Fabric Care, New Age International Publisher, 1998
4. Davis, —Laundry and Clothing Care, Drama Book Publishers, 1995

#### **Related Websites**

1. <https://www.bhg.com/homekeeping/laundry-linens-cloths-how-to-wash-clothes-by-hand/>
2. <https://textilelearner.blogspot.com/2013/07/textile-finishing-processing.html>

Core Practical-IV

Basic Knowledge in Garment Machineries

**Course Objectives:**

1. To impart the knowledge about the physical property of textile & their testing procedures and to develop an understanding of the principles involved in testing.
2. To identify the different types of weaves
3. To understand the woven fabrics designs

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to

- 1 Calibrate design, draft and peg-plan for simple woven fabrics.
- 2 Determine the designs for decorative woven fabrics.
- 3 Formulate the draft and peg-plan for decorative woven fabrics

To analyse the following particulars of the woven fabrics: Woven structural analysis: Design, Draft, Peg-plan

- 1 Plain weave and its derivatives
- 2 Twill weaves – 2/1, 3/1.
- 3 Satin / Sateen
- 4 Honey comb
- 5 Huck – a – back
- 6 Crepe weaves
- 7 Extra Warp
- 8 Extra Weft
- 9 Mock leno
- 10 Pile weave
- 11 Fancy weave

**Text Book(s)**

1. Principles of weaving, R. Marks, A.T.C. Robinson, Publication by the textile institute Manchester (1976)
2. Fabric forming, B. Hasmukhroi, Publication by SSM ITT Cooperative stores Ltd, Komarapalayam (1996)



3. Weaving mechanism Vol 1 & Vol 2, Prof. N.N. Banerjee, Published by Srimati. Tandra Banerjee, West Bengal (1999)
4. Mechanism of Weaving machines, Prof. J.L. Chakravorty, Srimati B. Chakravorty, Serapur, Publication by West Bengal, 1984
5. Handbook of Weaving, Sabit Adanur, Technomic publishing Company, Inc, USA (2001)

**Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

1. <https://www.cottonworks.com/topics/sourcing-manufacturing/weaving/basic-woven-designs-introduction-to-woven-fabric/>
2. <https://www.textileschool.com-453-wovendesign->
3. <https://www.intechopen.com/books/advances-in-modern-woven-fabric-technology/color-and-weave-relationship-in-woven-fabric>

Core Practical-V

Basic knowledge about knit fabric

**Course Objectives:**

1. Designing, drafting and constructing the following garments for the features Prescribed
2. List the measurements required and materials suitable Calculate the cost of the garment
3. Calculate the material required-Layout method and direct measurement Method

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

- Design and generalize the measurements for the various kids' garments.
- Prepare patterns and calculate material requirement for the designed kid's wear.
- Construct the designed kid's garment and calibrate the cost of the garment.

**List of Experiments:**

1. Bib- Variation in outline shape
2. Panty-plain or plastic lined panty
3. Jabla- without sleeve, front open (or) Magyar sleeve, back opens
4. Baba suit- knicker with chest piece attached (or) Romper
5. A-Line Frock- double pointed dart, neck line and arm hole finished with facing
6. Summer frock- with suspenders at shoulder line, without sleeve/collars(or) Angel top with raglan sleeve, fullness at neck line
7. Yoke frock- yoke at chest line, with open, puff sleeve, gathered skirt frock-with collar, without sleeve, gathered/ circular skirt at waist line(or) Princess line frock
8. Knicker- elastic waist, side pockets.
9. Shirt- open collar, with pocket

**Text Book(s)**

1. Practical Clothing Constructing-Part I and II, Mary Mathews, Cosmic Press, Chennai(1986)
2. Zarapker System of Cutting- Zarapker. K. R, Navneet Publicationsltd.
3. Cutting & Tailoring course, Gayathri Verma & Kapil Dev, Computech Publications

**Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

1. <https://epgp.inflibnet.ac.in/home/viewsubject?catid=827>
2. <https://www.youtube.com/watch?v=LuazkYL0j3a>
3. <https://www.youtube.com/watch?v=nI-shbmnuVg>

**22U3TFA02**

**FASHION DESIGNING**

**Allied-II**

**Have basic knowledge in designing**

**Course Objectives:**

- 1 The main objectives of this course are to:
- 2 Impart knowledge on design concepts in the field of fashion
- 3 Familiarize with the fashion cycles, consumers and theories
- 4 Design suitable garments for unusual figure types

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

- 1 Distinguish fashion and differentiate elements and principles of design
- 2 Generalize the colour combinations with standard colour harmonies
- 3 Interpret the fashion evolution, consumer groups in fashion theories and forecasting.
- 4 Justify the different dress designs for unusual figure types
- 5 Describe fashion terminologies and fashion profiles

**Unit:1 Design Elements and Principles**

Design- definition and types – structural and decorative design, requirements of a good structural and decorative design in dress Elements of design and its application in dress – line, shape or form, colour and texture. Principles of design and its application in dress – balance, rhythm, emphasis, harmony and proportion.

**Unit:2 Standard Colour Harmonies**

Colour theories; Prang colour chart Dimensions of colour- hue, value, and intensity. Standard colour harmonies – Related, Contrasting and Neutral colour harmony; Application of Colour in principles of design- application of the same in dress design.

**Unit:3 Fashion Evolution and Fashion Forecasting**

Fashion evolution – Fashion cycles, Length of cycles , consumer groups in fashion cycles – fashion leaders , fashion innovators, fashion motivation , fashion victim, Fashion followers. Adoption of Fashion theories – Trickle down, trickle up and trickle across. Fashion forecasting – Need for forecasting

#### **Unit:4 Designing Dresses for Unusual Figures**

Designing dresses for unusual figures – becoming and unbecoming – for the following figure types. Stout figure, thin figure, slender figure, narrow shoulders, broad shoulders, round shoulders, large bust, flat chest, large hip, large abdomen, round face, large face, small face, prominent chin and jaw, prominent forehead

#### **Unit:5 Fashion Terminologies and Fashion Profiles**

Definition and meaning of the fashion terms – fashion, style, line and collection, Mannequin and dress forms; fashion show; high fashion; Haute couture, couture and couturier; knock-off; Avant Garde; Pret- a -porter. Role/qualities of a Fashion Designer, Fashion Stylist, Fashion Journalist, Fashion Merchandiser, Fashion Director.

#### **Text Book(s)**

- 1 Fashion Sketch Book – Bina Abling, Fair Child Publications, New York Wardrobe,1988.
- 2 Art and Fashion in Clothing Selection – Mc Jimsey and Harriet, Iowa State University Press,Jowa,1973.
- 3 Fashion from Concept To Consumer – Frings Gini Stephens, Pearson Education, US, 1998.
- 4 Inside the Fashion Business – Kitty G. Dickerson, Pearson Education,US, 2007.

#### **Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

- 1 <https://www.apparesearch.com/terms/index.html>
- 2 <https://www.instyle.com/fashion>
- 3 <https://prezi.com/1tlwgnhviqs-/fashion-elements-and-principles-of-design/>

**22U3TFAP03**

**FASHION DESIGNING PRACTICAL**

**Allied Practical-III**

**Knowledge in Fashion Sketching**

**Course Objectives:**

The main objectives of this course are to:

- 1 Familiarize with the elements and principles of design
- 2 Play with colours following the standard colour harmonies
- 3 Create garment design for various seasons on fashion figures

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

- 1 Demonstrate Prang colour chart, value and intensity chart
- 2 Calibrate various head theories and figures for a child, women and men
- 3 Sketch garment designs by using elements of design and also the applications of principles of design.
- 4 Develop colour harmonies in garment design and design garments for various seasons.

**1. Prepare the following Charts**

- Prang colour chart,
- Value chart
- Intensity chart

**2. Illustrate Human Figure for the Following Heads**

- Child - 6head
- Women – 8 head,10 head and 12 head
- Man – 10head

**3. Illustrate Garment Designs for the Elements of Design (3 each)**

- Line
- Texture
- Shape

**4. Illustrate Garment Designs for the Principles of Design**

- Balance (Formal and Informal)
- Harmony

- Emphasis
- Proportion
- Rhythm (by Repetition, Gradation and Line Movement)

### **5. Illustrate the Colour Harmony in Dress Design**

- Monochromatic
- Analogous
- Complimentary  
Double complementary
- Split complementary
- Triad
- Neutral

### **6. Create Garments for the Following Seasons**

- Summer
- Winter
- Autumn
- Spring

#### **Text Book(s)**

- 1 Fashion Sketch Book , Bina Abling, Fair Child Publications, New York Wardrobe,1988.
- 2 Illustrating Fashion, Kathryn McKelvey and Janine Munslow, Blackwell Science,1997.
- 3 Art and Fashion in Clothing Selection , Mc Jimsey and Harriet, Iowa State University Press, Jowa,1973.

#### **Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

- 1 <https://www.idrawfashion.com/>
- 2 <https://www.fashionistasketch.com/drawing-faces-fashion-illustration/>
- 3 <https://in.pinterest.com/pin/458804280762797371/>

**OBJECTIVES:**

- To study the different types of fiber, their manufacturing Process and properties
- To learn the process of fabric formation
- Discuss the principles & basic mechanisms of knitting and Weaving process

**COURSE OUTCOME:**

- On Completion of the course the student will be able :
- To classify and differentiate different types of fibers
- To understand the process of fabric formation
- To define different methods of non-woven formation

**UNIT-I**

Introduction to the field of textiles- classification of fibers –natural and chemical – primary and secondary characteristics of textile fibers.

**UNIT-II**

Spinning –Definition ,Classification – Chemical and mechanical spinning –blending , opening, cleaning, doubling ,carding ,combing ,drawing ,roving ,spinning.Yarn classification – definition, classification – simple and fancy yarns.

**UNIT-III**

Weaving and knitting Different fabric forming methods. Introduction to weaving - Weaving preparatory processes and its objectives (Winding, Warping, Sizing & drawing in). Comparison of weaving and knitting processes. Principles of weft and warp knitting. Knitting machine elements and description. Classification of knitting machines. Yarn passage diagram of a circular knitting machine. Non – woven – Introduction – definition, classification and scope and application of non-woven

**UNIT-IV**

Printing – Introduction to printing, differences between printing and dyeing, preparation of fabric for printing Styles of printing-Direct printing: Block printing –Preparation of design, Blocks, print paste and printing process. Stencil printing –preparation of fabric, stencils (For one



or more color) Materials used for preparing stencils, process involved and techniques used. Resist printing: Batik printing.

#### **UNIT-V**

Application of Fabrics - Beachwear Fabric – Blanket Fabric – Curtain Fabric – Drapery Fabric – Home Furnishing Fabric – Hosiery Fabric – Industrial Fabric – Interlining Fabric – Mattress Fabric – Packing Fabric – Rugs & Carpets – Quilting Fabric – Terry Fabric.

#### **REFERENCES:**

1. Textile Testing, John Skinkle, Brooklyn Publication, New York.
2. Textile Testing, P. Angappan & Gopala Krishnan, JK. Publications
3. Textiles – fibre to fabric, Corbmann B.P, International student's edition, Mc Graw Hill
4. Knitting Technology, D.B. Ajgaonkar, Universal Publishing Corporation, Mumbai, 2006
5. Handbook of weaving, Sabit Adanur, SRC Press, 2009
6. <https://www.textileschool.com/346/application-of-fabrics>

# **SEMESTER-IV**

**22U4TFC04**

**NON-WOVEN & TECHNICAL TEXTILE**

**CORE IV**

**Have basic knowledge in Textiles**

**Course Objectives:**

The main objectives of this course are to:

1. Impart knowledge on design concepts in the field of fashion
2. Familiarize with the fashion cycles, consumers and theories
3. Design suitable garments for unusual figure types

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Infer about design and its types
2. Interpret the principles of design and its applications
3. Explain color theory and color schemes.
4. Generalize the designing concepts for unusual figures.
5. Justify wardrobe planning and list out the factors for fabric selection

**Unit:1**

Non – woven – Introduction – definition, classification and scope and application of non-woven – fibres used- web preparation, opening, cleaning machine, production of parallel laid web, cross laid and random laid web.

**Unit:2**

Bonding methods – mechanical, thermal, chemical/ adhesive, melt blown and spun lace techniques. Finishing of bonded fabrics. Fusing –methods of fusing. Braiding – methods of braiding. Netting – methods, lacing.

**Unit:3**

Technical Textiles – Introduction, definition, scopes & importance and uses. Application of Agro Tech, Build Tech, Cloth Tech, Home Tech, Indu Tech, Medical Tech, Sports Tech, Pack Tech, Mobile Tech, Protect Tech, Geo Tech

**Unit:4**

Medical Tech, Sports Tech, Protective – introduction, general properties and end uses.

**Unit:5**

Smart & intelligent textiles, Smart – Active smart, passive smart & ultra smart, Intelligent – PCM, SMP, Chromic & conductive materials

**Text Book(s)**

- 1 Non woven bonded fabrics – Lunenscholss J and W Albrocht, Ellis Horwood, London 1985
- 2 Non – Wovens – Arul Dahiya, MG Kamath, Raghavendra R Hedge and Monika Kannadnguli
- 3 Geo Textiles – NWM John, Blackir London.
- 4 Family Clothing – Tate and Glisson, John Wiky and Sons., Illinas, 1963
- 5 Textiles – Anand and A.R. Horracks, Textile Institute

**22U4TFA03**

**FASHION BUSINESS COMMUNICATION**

**ALLIED-III**

**Knowledge about fashion Syllabus 2021**

**Course Objectives:**

The main objectives of this course are to:

- Gain a better understanding of a fashion designer at the national and international level
- Impart knowledge on new product development, sales promotion, retailing and pricing
- Move towards a sustainable fashion

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

- 1 Describe the factors influencing fashion changes and World fashion centers.
- 2 Analyze the contributions of the fashion designers nationally and internationally
- 3 Generalize the steps involved in new product development and sales promotion
- 4 Analyze the scope and functions of retailing and pricing
- 5 Evaluate the environmental pollution created by fashion products and move towards sustainable fashion

**Unit:1 World of Fashion- An Overview**

Factors influencing fashion changes – Accelerating and Decelerating factors  
Understanding Fashion designer – types – classicist, idealist, influenced, realist, thinking poet.  
Minimalists, Village India, Studio line. World Fashion Centers – Milan, Paris, London and New York

**Unit:2 Legendary Fashion Designers**

Study of International Fashion Designers of the World – Yves Saint Laurent, Valentino, Pierre Cardin, Ralph Lauren, Karl Lager field, Donna Karen, Giorgio Armani, Coco Chanel, Calvin Klien, Christian Dior. An overview of Indian Fashion Designers – Manish Malhotra, Manish Arora, Ritu Beri, Tarun Tahiliani, Rohit Bal, Wendell Rodricks, JJ Valaya.

**Unit:3 Fashion Products and Promotion**

The fashion industry and new product development; product mix and range planning. Fashion and Seasons. Fashion Promotion – Fashion Communication; Fashion Advertising and

Publicity; Personal Selling – importance and steps involved; Fashion Shows – types and steps involved in organizing a show; Sales promotion methods /strategies.

#### **Unit:4 Fashion Retailing**

Fashion Retailing - Scope and functions, Types of Stores, Challenges for fashion retail in India, E- retailing – growth and development, Major players of fashion goods online. Pricing policies and strategies for apparel products, Functions and factors Influencing pricing, pricing strategies for new products, methods of setting prices

#### **Unit:5 Sustainable Fashion**

Sustainable Fashion – meaning and significance; Environmental concerns related to fashion; Linear fashion and circular fashion; 4R's in sustainability – Repair, recycle, reuse and reduce. Moving towards sustainable fashion - Eco fashion, Slow fashion; Environmental impact of fast fashion.

#### **Text Book(s)**

- 1 Drake et-al, Retail Fashion: Promotion and Advertising, Macmillan Publication Company. NewYork, 1992.
- 2 Gini Stephens Frings, Fashion – From Concept to Consumer, 6th edition, Prentice Hall, 1999.
- 3 Leslie Davis Burns et-al, The Business of Fashion: Designing, Manufacturing and Marketing, 4<sup>th</sup> Edition, Bloomsbury Academic publisher, 2011

#### **Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

- 1 <https://247wallst.com/special-report/2018/10/01/the-30-most-influential-fashion-designers-of-alltime/8/>
  - 2 <https://www.reviewsxp.com/blog/top-fashion-designers/>
  - 3 [https://en.wikipedia.org/wiki/Fashion\\_capital](https://en.wikipedia.org/wiki/Fashion_capital)
  - 4 <https://www.fibre2fashion.com/>
- <http://www.technopak.com/Files/fashion-retail-scenario-in-india.pdf>

**Basic knowledge in textile finishing****Course Objectives:**

The main objectives of this course are to:

1. Dye and Print the fabrics the using suitable dyes and prints
2. Prepare on Effluent and its impact
3. Prepare the fabric for finishing

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Generalize the pre-preparatory process sequence in a textile industry
2. Explain the types of finishes used in textile materials
3. Discover the textile dyes and dyeing methods
4. Infer about direct printing methods
5. Outline about discharge printing and the need for effluent treatment

**Unit:1 Wet Processing Process and Basic Finishes**

Process sequence of textile wet processing; Finishes types – Basic finishes, Aesthetic finishes, Functional finishes and Special purpose finishes. Basic Finishes – Singeing, desizing, scouring, bleaching and mercerizing – Process sequence and methods.

**Unit:2 Aesthetic, Functional and Special Finishes**

Aesthetic finish– glazed, Moire, embossed, napped finish Functional finish – Water repellent, flame retardant, antistatic finish Special purpose finish – fragrance, antibacterial, stone wash and enzyme wash in denim Recent trends – Microencapsulation and nano finishes.

**Unit:3 Dyes and Dyeing Machines**

Dyes – classification and suitability of dyes to the fabric, stages of dyeing – fiber, yarn, fabric and garment dyeing, Natural dyes and its significance, Dyeing machines – loose stock fiber bale – hank package – jigger – winch – HT& HP Beam, jet – padding mangles. Garment dyeing machines

**Unit:4 Direct Printing**

Printing – Difference between dyeing and Printing. Preparation of Printing Paste, Properties and types of Thickeners, Direct Printing – Block Printing - History and techniques used. Screen Printing – Flat screen and Rotary screen, techniques used.

**Unit:5 Resist, Discharge Printing and Effluent Treatment**

Discharge Printing, other methods – Digital Printing, Heat transfer printing Effluent Treatment – Pollution created by the processing unit, Process sequence in Effluent treatment Plant.

**Text Book(s)**

1. Textile Chemistry, Paters R.H, Elsevier Publishing , 1967.
2. Technology of Textile Processing, Shenai V.A., Sevak publications, Bombay, 1981.
3. Textile Finishing , Shenai.V.A. Sevak Publications, Mumbai, 1999.
4. Functional Finishes, Menachem Lewin and Stephen B. Sello, Marcel Dekker, Inc., 1984.
5. Textile Finishing, R.S.Prayag, Shree J Printers, India, 1994.

**Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

1. <https://textilecourse.blogspot.com/2018/08/working-process-printing->
2. <http://www.neoakruthi.com/blog/etp-for-textile-industry.html>
3. <https://textilelearner.blogspot.com/2011/08/flow-chart-of-wet-processing-process.html>
4. <https://www.textileschool.com/343/fabric-wet-processing-techniques/>
5. <https://www.fibre2fashion.com/industry-article/1699/special--finishes-to-garment-an- overview>



Core Practical-VI

Basic knowledge about knit fabric

**Course Objectives:**

The main objectives of this course are to:

1. Design Garments for women
2. Impart Skills in pattern drafting
3. Construct garments by sewing

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Design and generalize the measurements for the various women's garments.
2. Prepare patterns and calculate material requirement for the designed women's wear.
3. Construct the designed women's garment and calibrate the cost of the garment.
4. Calculate the material required –Layout method and Direct measurements method

**List of experiments**

1. Saree Petticoat- Six Panel, Decorated bottom.
2. Skirts – Circular/umbrella/panel with style variations.
3. Blouse- front open, Fashioned neck, Waist band at front, with sleeve.
4. Salwar (or) Churidhar (or) Parallels (or) Bell Bottom
5. Kameez – with /without slit, with or without flare, with /without opening, with or without panels, with /without yoke.
6. Nightie –With yoke, front open, with sleeve , full length.
7. Ladies pant- waist band , zip attached ,tight fitting / parallel pants.
8. Short kurta / top – Decorative / surface design in tailored placket, with or without collar.

**Text Book(s)**

1. Scientific garment quality –K M Illege and Sons , Plot No. 43 , Somuvar Peth pune411011
2. Practical Clothing Constructing-Part I and II, Mary Mathews, Cosmic Press, Chennai(1986)
3. Dress making- Smt Thangam Subramaniam Bombay Tailoring and embroidery college32

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

- 1 <https://www.patternsonline.com-default.aspx>
- 2 <https://shoeguide.com/>

**22U4TFCP07**

**TEXTILE PROCESSING PRACTICAL**

**Core Practical-VII**

**Basic knowledge about knit fabric**

**Course Objectives:**

The main objectives of this course are to:

1. To gain a practical on-hand training on preparatory process.
2. To understand the technical importance of wet processing.
3. To plan various process requirements for dyeing.

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Prepare the samples by pre-treatment process and calculate weight loss percentage.
2. Formulate the recipe for the fabric sample dyeing
3. Produce the sample by formulated recipe and calibrate shade percentage.

Preparation of samples for Processing:

- Desizing
- Scouring
- Bleaching
- Mercerising

Dye the given fabric using suitable dye:

- Direct Dye
- Sulphur Dyes
- Vat Dye
- Disperse Dye
- Reactive Dyes
- Acid Dye
- Naphthol Dyes
- Basic Dyes

Printing the given fabric using suitable Printing Paste:

- Direct style of printing
- Discharge style of printing
- Resist style of printing

**Text Book(s)**

1. AATCC Garment wet processing Technical manual (1994)
2. Textile processing and properties, Preparation, Dying, Finishing & Performance, Tyrone L.
3. Vigo, elsewhere publishing, Netherland
4. Textile Wet processing, Manoj Dole, Manoj Dole Publications Co. India (2018)

**Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

- 1 <https://britannica.com/topic/textile/dying-and-printing>
- 2 <https://www.sciencedirect.com-topics/engineering/dying-process>

**22U4TFSP01**

**EMBROIDERY PRACTICAL**

**SBEC-I**

**Basic knowledge about Embroidery**

**Course Objectives:**

1. To impart knowledge to the students about the hand and machine embroidery.
2. To learn the various types of stitches.
3. To provide opportunity for skill development in designing accessories.
4. To impart knowledge on fashion accessories & creativity.

**Expected Course Outcomes:**

1. On the successful completion of the course, student will be able to:
2. Produce the hand and machine embroidery samples
3. Prepare decorative samples using beads or mirrors or sequins or etc.,
4. Develop complex fashion accessories by learning to design different accessories manually.

**Prepare samples for the following**

- Hand embroidery – 20 stitches -10 samples
- Machine embroidery -7stitches -3 samples.
- Applique ( machine / hand )- 3 types
- Smocking – 4 types
- Bead Work -1 sample
- Sequins work -1 sample
- Zardosi work -1 sample
- Tassels and fringes -2-3samples.
- Mirror work –Shapes (Round, square, diamond) - 3 samples
- Fixing the stones-1 sample.

**B. Traditional surface ornamentation practices with two to four variations in the following,**

- Kantha
- Chikan
- Kasuti
- Zardosi
- Kutch work

- Mirror work
- Aari work
- Phulkari work.

### **C. Crocheting**

- In embroidery practical add
- Hand bag - Any 3 types
- Hat - Any 2 types
- Bow - Decorative bow & formal bow
- Purse & pouches - any 2 types

### **Text Book(s)**

1. Scientific garment quality –K M Illege and Sons, Plot No. 43, Somuvar Peth pune411011
2. Shailaja D. Naik, Traditional embroideries of India, APH Publishing (1996)
3. Dress making- Smt Thangam Subramaniam Bombay Tailoring and embroidery college32
4. Libby Moore Thread folk, a Modern Maker's book of Embroidery, Project & Artist Collaboration, Paige Tata & Co.

### **Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

- 1 <https://sueguide.csom/smocking/>

**22U4TFN02**

## **FASHION DESIGNING**

### **Have basic knowledge in designing**

#### **Course Objectives:**

The main objectives of this course are to:

1. Impart knowledge on design concepts in the field of fashion
2. Familiarize with the fashion cycles, consumers and theories
3. Design suitable garments for unusual figure types

#### **Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Distinguish fashion and differentiate elements and principles of design
2. Generalize the colour combinations with standard colour harmonies
3. Interpret the fashion evolution, consumer groups in fashion theories and forecasting.
4. Justify the different dress designs for unusual figure types
5. Describe fashion terminologies and fashion profiles

#### **Unit:1 Design Elements and Principles**

Design- definition and types – structural and decorative design, requirements of a good structural and decorative design in dress. Elements of design and its application in dress – line, shape or form, colour and texture. Principles of design and its application in dress – balance, rhythm, emphasis, harmony and proportion.

#### **Unit:2 Standard Colour Harmonies**

Colour theories; Prang colour chart Dimensions of color- hue, value, and intensity. Standard colour harmonies – Related, Contrasting and Neutral colour harmony; Application of Colour in principles of design- application of the same in dress design.

#### **Unit:3 Fashion Evolution and Fashion Forecasting**

Fashion evolution – Fashion cycles, Length of cycles , consumer groups in fashion cycles – fashion leaders , fashion innovators, fashion motivation , fashion victim, Fashion followers. Adoption of Fashion theories – Trickle down, trickle up and trickle across. Fashion forecasting – Need for forecasting

#### **Unit:4 Designing Dresses for Unusual Figures**

Designing dresses for unusual figures – becoming and unbecoming – for the following figure types. Stout figure, thin figure, slender figure, narrow shoulders, broad shoulders, round

shoulders, large bust, flat chest, large hip, large abdomen, round face, large face, small face, prominent chin and jaw, prominent forehead

### **Unit:5 Fashion Terminologies and Fashion Profiles**

Definition and meaning of the fashion terms – fashion, style, line and collection, Mannequin and dress forms; fashion show; high fashion; Haute couture, couture and couturier; knock-off; Avant Garde; Pret- a -porter. Role/qualities of a Fashion Designer, Fashion Stylist, Fashion Journalist, Fashion Merchandiser, Fashion Director.

#### **Text Book(s)**

1. Fashion Sketch Book – Bina Abling, Fair Child Publications, New York Wardrobe,1988.
2. Art and Fashion in Clothing Selection – Mc Jimsey and Harriet, Iowa State University Press,Jowa,1973.
3. Fashion from Concept To Consumer – Frings Gini Stephens, Pearson Education, US, 1998.
4. Inside the Fashion Business – Kitty G. Dickerson, Pearson Education,US, 2007.

#### **Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

1. <https://www.apparesearch.com/terms/index.html>
2. <https://www.instyle.com/fashion>
3. <https://prezi.com/1tlwgnhviqs-/fashion-elements-and-principles-of-design/>

# **SEMESTER-V**



CORE VI

**Knowledge and skills in manual pattern**

**Course Objectives:**

- 1 The main objectives of this course are to:
- 2 Acquire skills in developing patterns through computer software.
- 3 To understand the basics of CAD software
- 4 Drafting, Grading and Marker planning of garment patterns using new advance software.

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

- 1 Draft the pattern for various kid's, women's and men's wear
- 2 Grade the pattern blocks into various sizes.
- 3 Create marker planning for the pattern for cutting with higher efficiency

P1 – Imitation; P2 – Manipulation; P3 – Precision; P4 – Articulation; P5 – Naturalization.

**Unit: 1 Introduction to computers**

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

**Unit: 2 Computer Applications in Textile Designing**

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

**Unit: 3 Computer Applications in Fashion Designing**

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

**Unit: 4 Computer Applications in Pattern Making**

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

**Unit: 5 Computer Aided Manufacturing**

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

### **Contemporary Issues**

Expert lectures, online seminars – webinars

Text Books

- 1 Pattern Cutting For Clothing Using Cad: How To Use Lectra Modaris Pattern Cutting Software - Stott M, Woodhead Publishing Ltd, 2012
- 2 Pattern Cutting And Making Up Revised Edition - Shoben M M , CBS Publishers and Distributors, 2000
- 3 Computer Aided Design & Manufacturing (Test CAD Programs Inside), Sadhu Singh, Khanna Publications, 1998.

**21U5TFC07**

## **TEXTILE FINISHING**

### **Core VII**

#### **Basic knowledge in garment production processes**

Course Objectives:

1. To impart knowledge & understanding of chemistry, mechanism & application process of various textile finishes.
2. It aims to enhance the awareness of future trends in textile finishing.
3. To impart the knowledge about finishing methods of fabric based on their function.

#### **Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Distinguish the method & application of finishes on different textile substrates.
2. Generalize the process sequence of mechanical finishes on textile materials.
3. Interpret the functional finishes on textile materials
4. Infer about the advanced finishes carried out on textiles
5. Discover the special finishes on textile materials.

#### **Unit:1 Finishing**

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

#### **Unit:2 Mechanical Finishing**

Mechanical Finishes- Sanforizing, Calendaring, Moiering, Embossing, Glazing, Raising, Napping, milling.

#### **Unit:3 Functional Finishing**

Functional Finish - Resin finish, Water Proof finish, Water Repellent finish, Anti-microbial finish, Flame Retardant finish, Soil Release finish - Process and Recipe.

#### **Unit:4 Advanced Finishes**

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

#### **Unit:5 Special finishes**

Special Finishes on Garments – Finishing of Woven/ Knitted garments –Water resistant Breathable finish, Bio polishing, Leathery Finish, Protective Finishes –Deodorizing, Cool Finish and Thermo stat finishes.

**Text Book(s)**

- 1 Shenai and Saraf. 1995. Technology of Textile Finishing. Sevak publications.
- 2 Nallangilli and Jayaprakasam. 2005. Textile Finishing. S.S.M Institute of Textile Technology.
- 3 Prayag. 1996. Technology of finishing. Shree J. Printers, Pune

**Related websites**

- 1 <https://nptl.ac.in/courses/116/102/116102054/>
- 2 [https://ugcmoocs.inflibnet.ac.in/ugcmoocs/view\\_ug.php/130](https://ugcmoocs.inflibnet.ac.in/ugcmoocs/view_ug.php/130)

**21U5TFA04**

**APPAREL COSTING & MERCHANDISING**

**ALLIED-IV**

**Basic knowledge in garment production processes**

**Course Objectives:**

The main objectives of this course are to:

1. Impart learning about principles of costing and budgeting
2. Impart learning about costing procedure for various garment styles
3. Impart learning about costing procedure for export and domestic products
4. Instruct about roles & responsibilities of merchandiser
5. Describe about planning & programming in execution of an order

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Infer about the elements of cost in pricing apparels
2. Generalize the process involved in budgeting.
3. Estimate the fabric cost in apparel production
4. Summarize order sheet and maintain record in garment production unit.
5. Prioritize the promotional aids for retail and whole sale apparel marketing

**Unit:1 Elements of Cost**

Principles of costing - requirements of good costing system - cost unit - types of costs - Elements of cost - direct material cost - direct expenses - direct wages - indirect materials – indirect expenses- indirect labour-overheads—prime cost-work cost-cost of production – total cost. INCO terms & its relationship with costing

**Unit:2 Budgeting**

The budgeting process: Budgeting principles for the apparel industry- Fixed vs. variable budget -Master budget-laminations of budgets- any justification effort -Planned Vs Actual Cost.

**Unit:3 Fabric Cost Estimation**

Cost estimation of yarn, knitted fabric, dyeing, printing & finishing. Woven Fabric Costing: fabric types, yarn consumption, weaving price Cost estimation for cutting, stitching, checking, packing, forwarding, shipping, and insurance.

#### **Unit:4 Order Sheet & Documentation**

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

#### **Unit:5 Product Promotion**

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

#### **Text Book(s)**

1. Apparel Costing, M. Krishnakumar, Abhishek Publications 2015
2. Apparel Costing, Andrea Kennedy, Andrea Reyes, Francesco Venezia, Bloomsbury Visual Arts, 2020
3. Apparel Costing, A functional Approach, Krishnakumar, M, Abishek Publications, Chandigarh, 2012

#### **Related websites**

1. <https://www.toppr.com/guides/fundamentals-of-accounting/fundamentals-of-cost-accounting/elements-of-cost/>
2. <https://corporatefinanceinstitute.com/resources/knowledge/finance/budgeti/>
3. <https://efinancemanagement.com/budgeting>
4. <https://theinvestorsbook.com/pricing-methods.html>
5. <https://www.yourarticlelibrary.com/marketing/pricing/pricing-objectives-top-5-objectives-of-pricing-explained/48639>

**Core Practical- IX****Gain Practical insights of the industry / company****Course Objectives:**

The main objectives of this course are to:

1. Expose the students to the work environment
2. Familiarize and adapt to the workplace
3. Understand the methods, techniques and practices followed in the place of training

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Generalize working structure of the industry/ company
2. Analyze the methods adopted in the training place
3. Recognize the challenges in the training place
4. Discover the nuances of the workplace and appreciate it

**No CIA, Report: 80 marks and Viva: 20 marks**

**Details of the Training**

The student should undergo 15 Days Internship training in a Textile Processing Unit/ Designer House / Buying House/ Garment Unit / Retail house after IV semester theory exam / before the start of Fifth Semester (Total Marks – 50, No CIA, Report: 80 marks and Viva: 20 marks)

**Purpose of the Internship Training**

The training bridges the gap between the theoretical knowledge gained in the college and the practical application of the same in the industry / company / stores The student will have a better exposure about the workplace and its nuances

**Process to be Followed**

Students can identify their area of interest. Industry / companies have to be identified and a profile of the company has to be analysed at least a month earlier. Contacts can be established by the guides allotted to the student. Prior permission has to be obtained from the place of training. After confirmation, the student will undergo training for a period of 15 working days.

**Instructions to the Students**

The students should abide by the rules and regulations of the concern and get the maximum benefit from the training. The students should maintain a daily logbook where the student should record his details of the training. A copy of the record has to be sent to the supervisor allotted to the student. The logbook must be signed (with seal) by the staff of the company. Based on the study done, the student will submit a report to the guide within a weeks' time along with the logbook. In case of any problems, the student should reach out to the supervisor immediately

### **Instructions to the Supervisor**

The supervisor should establish contacts with the place of training. A routine follow up has to be done with the student once in two or three days. Problems, if any faced by the student should be Sorted out immediately.

### **Training Report and Presentation**

Training Report (30 – 50 pages) should be prepared by the student and submitted in a month's time. At the end of the semester student should present the report with a power point presentation

### **Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

- 1 <https://www.wikihow.com/Write-a-Report-After-an-Internship>
- 2 <http://mfe-iseah-kef.blogspot.com/2013/11/internship-daily-journal.html>
- 3 [https://www.academia.edu/25257761/Student\\_Internship\\_Logbook](https://www.academia.edu/25257761/Student_Internship_Logbook)
- 4 <https://www.indeed.com/career-advice/career-development/how-to-write-an-internship-report>
- 5 <https://valenciacollege.edu/students/internship/documents/ActivityLog.pdf>
- 6 <https://www.template.net/business/log/internship-time-log/>



**Core- Practical VIII**

**Knowledge and skills in Computerized Designing**

**Course Objectives:**

The main objectives of this course are to:

1. Acquire skills in developing patterns through computer software.
2. To understand the basics of CAD software
3. Drafting, Grading and Marker planning of garment patterns using new advance software.

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Draft the pattern for various kid's, women's and men's wear
2. Grade the pattern blocks into various sizes.
3. Create marker planning for the pattern for cutting with higher efficiency
  - Draw the dress design using Corel draw software
  - Draw the dress design using adobe photoshop software

**Children's wear**

Draft and grade patterns for the following garments. Create marker plans and conduct fit analysis for the following garments

- Yoke frock
- Baba suit
- Summer frock
- Skirt and tops

**Women's wear**

Draft and grade patterns for the following garments. Create marker plans and conduct fit analysis for the following garments

- Salwar
- Kameez
- Tops
- Nighty

## **Men's wear**

Draft and grade patterns for the following garments. Create marker plans and conduct fit analysis for the following garments

- Full sleeve shirt
- T-Shirt
- Bermudas
- Pleated trouser

## **REFERENCE**

1. <https://medcraveonline.com/JTEFT/various-approaches-in-pattern-making-for-garment-sector.html>
2. [https://www.youtube.com/watch?v=jTWtQNTJt\\_A](https://www.youtube.com/watch?v=jTWtQNTJt_A)
3. <https://www.youtube.com/watch?v=iX7O4X7O4fNQijA>

**21U5TFCP10**

**MENS APPAREL PRACTICAL**

**Core Practical-X**

**Basic Knowledge about Men's apparel designing**

**Course Objectives:**

1. To impart the practical knowledge in pattern drafting & garment construction skill in men's wear for the Students.
2. To develop creative skills in designing & constructing men's wear for different age group
3. List the measurements required and materials suitable.

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Design and generalize the measurements for the various men's garments.
2. Prepare patterns and calculate material requirement for the designed men's wear.
3. Construct the designed men's garment and calibrate the cost of the garment.
1. S.B.Vest – with/ without collar, button attached, sleeveless
2. Slack shirt – full open, shirt collar, patch pocket,
3. Nehru kurtha –stand collar, side pocket, half open
4. Pyjama- Elastic /Tape attached waist.
5. Pleated trousers – pleats in front, Darts at back, side pocket, fly with button/zip.
6. T-Shirt – open collar, zip attached
7. Bermudas –patch pocket

**Text Book(s)**

1. Practical Clothing Constructing-Part I and II, Mary Mathews, Cosmic Press, Chennai(1986)
2. Zarpker System of Cutting- Zarpker. K. R, Navneet Publicationsltd.

**Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

1. <https://shoeguide.com/>
2. <https://www.patternsonline.com-default.aspx>

**21U5TFE01**

**ENTREPRENEURSHIP DEVELOPMENT OF SKILLS**

**MBEC-I**

**Basic knowledge about apparel business Opportunities**

**Course Objectives:**

The main objectives of this course are to:

1. Familiar the students with challenges of starting new ventures
2. Enable them to investigate, understand and internalize the process of setting up a new business.

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Outline the concept of entrepreneurship and traits of entrepreneur
2. Identify a project and formulate a project report.
3. Appraise the formalities of SSI's Registration for an enterprise
4. Identify the Sources of Finance and Institutional Assistance for small scale industries.
5. Infer about entrepreneur, Incubation centers and start up in India

**Unit:1 Introduction to Entrepreneurship**

Entrepreneurship: Concept and Definitions; Entrepreneurship and Economic Development; Classification and Types of Entrepreneurs; Entrepreneurial Competencies; Factor Affecting Entrepreneurial Growth – Economic, Non-Economic Factors; EDP Programmes; Entrepreneurial Training; Entrepreneur; Manager Vs. Entrepreneur.

**Unit:2 Starting the venture**

Project Identification – Project formulation – Project design - preparing project report – Project Planning and Scheduling using Networking Techniques of PERT / CPM; Methods of Project Appraisal.

**Unit:3 SSI and Registration**

Small Enterprises and Enterprise Launching procedures and Formalities Role of SSI in Economic Development of India; SSI; Registration; NOC from Pollution Board; project report presentation guidelines

**Unit:4 Sources of Finance and Institutional Assistance**

Role of Support Institutions and Management of Small Business: Director of Industries; DIC; SIDO; SIDBI; Small Industries Development Corporation (SIDC); SISI; NSIC; NISIET, NIESBUD; TANSIDCO; TIIC; State Financial Corporation; KVIC

### **Unit:5 Financial incentives for SSI**

Financial incentives and subsidies for SSI's, and Tax concessions; – seed capital assistance – Role of entrepreneur in export promotion and import substitution – Social Entrepreneur, Incubation centre, Startup India

### **Text Book(s)**

1. Entrepreneurial Development, Dr. C.B. Gupta, Sultan Chand & Sons, New Delhi, 2009
2. Entrepreneurial Development, Dr.S. S Khanka, Sultan Chand & Sons, New Delhi, 2009.
3. Entrepreneurship Development and Small Business Enterprises, Charantimath, Poornima, Pearson Education, New Delhi, 2006
4. Entrepreneurship New Venture Creation, David H. Holt, Prentice Hall of India Private Limited, New Delhi, 2005

### **Related Websites**

1. <https://www.researchgate.net/publication/259843889>
2. <https://ncert.nic.in/textbook/pdf/kebs109>.

# **SEMESTER-VI**

**Basic knowledge about knit fabric**

Course Objectives:

1. To impart knowledge on woven fabrics
2. To help students understand fabric formation process.
3. To impart knowledge on woven fabric Designs and Structures. The main objectives of this course are to
4. Identify the loop structure of the fabric
5. Identify different types of knitted fabric sample
6. Identify fabric defects, its cause and work on the remedies

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Discover loop structure and graphical representation of weft knit fabrics
2. Determine the loop structure and graphical representation of warp knit fabrics
3. Classify the different defects from the knitted fabrics.

**Unit-I Different fabric forming methods**

Different fabric forming methods-Comparison of weaving and knitting- Principles of weft and warp knitting – Comparison of weft and warp knitting – Classification of knitting machines - Yarn passage diagram of a circular knitting machine – Knitting machine elements and description - Knitting cycle of latch needle with sinker.

**Unit-II Knitting terms and definitions**

Knitting terms and definitions - Principal weft knit stitches - Knit, tuck and miss stitch formation and properties - Representation of weft knit stitches – Study of Basic weft knit structures - Needle gating - Description of circular Rib & Interlock knitting machine – Characteristics of basic weft knit structures –

Circular knitting GSM and production calculations.

**Unit-III Single jersey knit fabric structures**

Single jersey knit fabric structures, their cam and needle order: Plain jersey, Pique, Thick pique, Honey comb, Pearl and Twill. Rib fabric structures, their cam and needle order: 1x1 rib, 2x2 rib, Drop needle, Royal rib, Polka rib, Double half cardigan, Double cardigan, Milano rib,

Waffle, Flat back, Swiss double pique and French double pique. Interlock fabric structures, their cam and needle order: Interlock, eight lock, Ottoman rib, Pin tuck, Texi pique and Ponte di Roma.

#### **Unit-IV Jacquard knitting**

Jacquard knitting - Needle selection techniques – Pattern jack, Pattern wheel, Pattern drum and Computerized jacquard knitting machines – Brief study on specialty weft knit structures – Auto stripe yarn programming – Elastomeric yarn insertion and effects – Knitted fabric faults – Causes and Remedies.

#### **Unit-V Flat Knitting**

Flat Knitting – Yarn passage diagram of a flat knitting machine – Mechanical type Flat knitting machine - Needle bed assembly – Racking, Carriage and Cam box arrangement - Transfer Stitch and Drop Stitch – Thread diagram, effects and applications – Introduction to computer controlled Flat knitting machine. Concept of fully-fashioned machines and seamless knitwears. Introduction to warp knitting – Warp knitting terminologies – Open lap and closed lap. Knitting action of Tricot and Raschel machines. Comparison of Tricot and Raschel machine.

#### **Text Book(s)**

1. D.B. Ajgaonkar, Knitting Technology
2. David .J.Spencer, Knitting Technology
3. Chandrasekara Iyer et al., Circular knitting technology
4. Dr.Samuel Raz , Flat Knitting
5. Dr.S.Raz, Warp Knitting Technology
6. Peter Lord et al., Fabric forming systems

#### **Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

1. <https://textilelearner.blogspot.com/2013/01/faultsdefects-in-knitted-fabrics.html>
2. <https://sciencedirect.com/topic/engineering/knitting-technology>
3. <https://nptl.ac.in/course/116/102/116102008/>



Allied-5

**Basic knowledge in textile fibers, yarns & fabrics**

**Course Objectives:**

1. The main objectives of this course are to:
2. Instruct about various test for yarns, fabrics & garments
3. Describe about various levels of inspection & its procedure in apparel production
4. Describe about various norms & standards followed in testing and inspection

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Outline the testing procedure for various yarn parameters
2. List out the specifications for various woven & knitted fabrics
3. Differentiate the various systems used for fabric inspection
4. List out the possible defects and its causes in apparel production
5. Differentiate the categories of defects in garment and the various standards followed in apparel testing

**Unit:1 Yarn Testing**

Importance of Quality. Quality terminologies. Testing: Objectives of Testing - atmospheric conditions for testing lab. Identification of textile fibers. Yarn numbering systems – Determination of yarn count. Yarn strength testing & CSP. Testing of yarn evenness, yarn twist & Hairiness measurement

**Unit:2 Fabric Testing**

Knitted fabric specifications – Testing of Dimensional stability, Spirality & Bowing. Testing of colour fastness to washing, rubbing, perspiration & light - Grey scales and ratings. Brief study about testing of woven fabric.

**Unit:3 Raw material Inspection**

Inspection: Incoming and raw material inspection: Fabric inspection – 4-point system. In process/ online inspection: Advantages – On line inspection during spreading, pattern making, cutting, sewing and ironing. Final inspection: Sampling plans and AQL charts – Level of final inspection. Packing & packaging mquality tests. Care labeling and international care symbols.

**Unit:4 Principles of TQM**

Principles of TQM – Deming’s PDCA Cycle - KAIZAN concepts – 5 „S“ applications in apparel industry. Application of seven QC tools in apparel industry.

### **Unit:5 Final Inspection & Standards**

Understanding of ISO 9001:2000 standards: QMS, management responsibility, resource management, product realization and measurement analysis & improvement – Various documents required for ISO 9001:2000 implementation and its contents – Development of quality system manual for garment industry. Documented procedures required for ISO 9001:2000 implementation – Procedures for internal quality audit – Management review meeting – Certification process – Surveillance audit.

### **Text Book(s)**

1. Physical Testing of Textiles, 1st Edition, B P Saville, Woodhead Publishing, 1999
2. Managing Quality in Apparel Industries, Pradeep V Metha & Satish K. Bhardwaj, NIFT, 1998
3. Stamper, Evaluating apparel quality, Sue Humphries Sharp, Linda Donnell & Anitha A Fairchild Books, 1991
4. Textile Testing, Arindam Basu, South India Textile Research Association, 2006

### **Related websites**

1. <http://textilemerchandising.com/quality-assurance-and-quality-control/>
2. <https://insight-quality.com/garment-quality-control-procedures/>
3. <https://garmentsmerchandising.com/acceptable-quality-level-apparel-industry/>
4. <http://texhour.com/aql-and-type-of-defects>

**21U6TFCP11**

**ACCESSORIES MAKING PRACTICAL**

**Core Practical-XI**

**Basic knowledge about Accessories Making**

**Course Objectives:**

1. To provide opportunity for skill development in designing accessories.
2. To impart knowledge on fashion accessories & creativity.

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Produce the hand and machine embroidery samples
2. Prepare decorative samples using beads or mirrors or sequins or etc.,
3. Develop complex fashion accessories by learning to design different accessories manually

**List of Experiments**

- Hand bag – Any three types
- Hat – Any two types
- Bow – Decorative bow and formal bow
- Belt – For boy and girl
- Foot wear – Any three types 6.Purse and pouches – Any two types
- Hair band and head bands – Any four types
- Watches – Any two types

**Text Book(s)**

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

**Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

- <https://sueguide.csom/smocking/>
- <https://www.youtube.com/watch?v=nJz9c8gEvFg>

## **21U6TFE02      INTERNATIONAL TRADE AND DOCUMENTATION**

### **MBEC II**

#### **Basic Knowledge in International trade Syllabus**

##### **Course Objectives:**

1. To study the Trade procedures and documentation formalities are a critical part of International Business Management.
2. This subject aims at imparting knowledge of trade procedures and documentation formalities.

##### **Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Outline export promotion council procedures for firm establishment.
2. Infer about the implications of foreign trade policy and its documentations.
3. Generalize the import trade procedures and documentation.
4. Summarize the procedure and formalities of shipment and customs.
5. Interpret the payment procedures and delivery formalities.

##### **Unit: 1 Firm Establishment**

Firm establishment: introduction – export promotion councils and their role – registration Formalities - RCMC –IE code – RBI code – garment classification and categories for various countries – quota – quota distribution methods – quota transfer.

##### **Unit: 2 Foreign Trade Documents**

Foreign trade documents: need, rationale and types of documents relating to goods – invoice – packing note and list – certificate of origin – certificate relating to shipments – mate receipt – shipping bill – cart ticket – certificate of measurement – bill of lading – air way bill – documents relating to payment – letter of credit – types of L/C - bill of exchange – letter of hypothecation – bank certificate for payment – document relating to inspection – certificate of inspection – GP and other forms.

##### **Unit: 3 Import Procedure**

Import procedure : import license – procedure for import license – import trade control regulation procedure – special schemes – replenishment license – advance license – split up license – spares for after sales service license – code number – bill of entry

#### **Unit: 4 Shipment & Customs**

Shipment and customs: Pre-shipment inspection and quality control – foreign exchange formalities – Pre-shipment documents - documentation terms - excise and customs clearance of export cargo – shipment of goods and port procedures – customs clearance of import cargo. Post – Shipment formalities and procedures – claiming duty drawback and other benefits.

#### **Unit: 5 Payment and Deliveries**

Payment and deliveries: terms of delivery– INCO terms – EXW – FCA – FOB – CFR – CIF – CPT – DAF – DDP – DDU. Terms of payment – open account – cheque – cash payment against documents – bank payment against documents (LC) – security and Cost of various payment terms – Assessing the risk in payment – role of ECGC and standard policy.

#### **Text Books**

- International Trade and Documentation, Edward G Hinkelman, Publisher: World Trade Press 2001.
- Streamline Your Export Paper Work, Bose. A., Published by International Trade Form, Oct – Dec 1965.
- Export and Import Management, Aseem Kumar, Excel Publications, 2007.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. <https://www.marketresearchreports.com/apparel-retailing>
2. <https://smallbusiness.chron.com/analysis-retail-apparel-industry-70514.htm>
3. <https://www.marketresearch.com/Consumer-Goods-c1596/Consumer-Goods-Retailing-c80/Apparel-Retailing-c1093/>

## **21U6TFSP02 FASHION PORTFOLIO PRESENTATION-PRACTICAL**

### **SBEC II**

#### **Knowledge in creating various garments Syllabus**

##### **Course Objectives:**

The main objectives of this course are to:

1. To design and execute an organized collection of creative works
2. To make original works of art that demonstrates effective use of design principles, appropriate crafts man ship and technique.
3. Design collections by fulfilling the objectives of the client and user requirements.

##### **Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1. Select a theme for different garment categories.
2. Create different portfolio boards for selected theme.
3. Construct the garments for all deigned categories.

Portfolio Presentation and Design Collection

#### **Part A**

- Portfolio Presentation - with Customer profile, Inspiration board, Mood Board, Colour board, Flat Sketch board, Illustration board, Swatch board, Trim board, Accessory board- for the following collection
- Fashion Show- with a theme – one ramp set
- Winter collection - 3garments
- Summer Collection -3 garments

Note

- Customer profile: capture photograph of your customer.
- Inspiration board: Image collection from books and magazines by scanning, Photography and drawing, use of objects for mood creation
- Mood board: develop a theme based on group discussion, mind mapping, brain storming.
- Colour board: spotting theme board, mood board and inspiration board arrive the color board.
- Flat sketch board: Develop front, side and back views

## **Part B**

- Construct the garments for all the above categories
- Contemporary Issues
- Expert lectures, online seminars – webinars

### **Text Books**

1. Portfolio Presentation for Fashion Designers, Linda Tain, Fairchild Publishers (1998)
2. Fashion Design Drawing and Presentation, Patrick John Ireland, B T Batsford Ltd, 2006
3. Creative Fashion Presentation, Polly Guerin, Fairchild Publishers, 1987
4. New Encyclopedia of Fashion Details, Patrick John Ireland, Publisher: Pavilion Books, 2008
5. Check and Stripe: A Design-Source Book 2, Kyoto Shoin Company Ltd. 1992

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

- 1 [https://issuu.com/theodoracucu/docs/portfolio\\_internship\\_ba](https://issuu.com/theodoracucu/docs/portfolio_internship_ba)

**21U6TFSP03**

**BEAUTY CARE PRACTICAL**

**SBEC-III**

**Basic Knowledge about Makeup**

**Course Objectives:**

- Produce a capable & skillful workforce as required by the prevailing market demands.
- Equip the trainees with skills & knowledge to ensure adherence to safety measures in saloon.
- Select, operate and handle equipment according to the professional standards

**Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

- Create various techniques used in beauty care
- Design traditional and modern style makeup using different equipments.
- Practice beauty techniques and procedures for different occasions.

P1–Imitation; P2–Manipulation; P3 –Precision; P4 – Articulation; P5 – Naturalization.

Following Experiments

1. Different types of haircuts, cutting techniques & blow drying of hair.
2. Traditional hair styling techniques- Rolls, Braids, interlocks, Twisting styles.
3. Henna designing, Tattoo designing & saree draping (4styles).
4. Basic Nail art techniques.
5. Facial -Skin analysis, cleaning & facial with different equipments, application of different types of packs & masks according to the skin types.
6. Different types of makeup - Daytime, Evening, Party & Bridal.
7. Pedicure & manicure.
8. Threading & waxing
9. HD- Make up



### **Text Books**

- Complete Beautician Course by Renu Gupta
- Be your own Beautician by Parvesh Handa
- Advance makeup and hairstyle by Urvashi Dave

### **Related Online Contents**

1. <https://bit.ly/2DB2WQM>
2. <https://youtu.be/sYoz3G2OH5g>
3. [https://youtu.be/\\_o9cpvQPqBY](https://youtu.be/_o9cpvQPqBY)