

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

DEPARTMENT OF COSTUME DESIGN AND FASHION



B.Sc. (COSTUME DESIGN AND FASHION)

PROGRAMME CODE: UCDF

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)**

CDF

(BACHALOR OF COSTUME DESIGN AND FAHION)

(Candidates admitted from 2022-2023 onwards)

REGULATIONS

I. SCOPE OF THE PROGRAMME

B.Sc. (Costume Design & Fashion) 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 Costume Design & Fashion 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 costume Design and Fashion 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 three-year 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
		
	Total	-	25
		

ASSESSMENT MARKS FOR PRACTICAL PAPERS WILL BE AS UNDER:

1	Model Exam	-	20
2	Observation Note	-	10
3	Attendance	-	10
		
	Tota	-	25
		

PASSING MINIMUM - EXTERNAL

THEORY

In the End Semester Examinations, the passing minimum shall be 40% out of 75 Marks.
(30 Marks)

PRACTICAL / MINI PROJECT 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:

ATTENDANCE PERCENTAGE	MARKS	
	THEORY	PRACTICAL
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.

1. 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.
2. 60% and above but below 75 % shall be declared to have passed the Examinations in First Class..
3. 50% & above but below 60% shall be declared to have passed the examinations in Second Class.
4. All the remaining successful candidates shall be declared to have passed the examinations in Third Class.
5. 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., upto 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)

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

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

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 analyse 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. (Costume Design And Fashion) 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 COSTUME DESIGN AND FASHION 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.

CDF CURRICULUM FOR ACADEMIC YEAR 2023 – 2024
COURSE PATTERN AND SCHEME OF EXAMINATIONS UNDER
AUTONOMOUS, CBCS & OBE PATTERN
FOR THE CANDIDATES ADMITTED FROM THE YEAR 2023 – 2024
SEMESTER: III & IV

Sem	Part	Course Code	COURSE TITLE	Hrs	CR E 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	22U3CDC02	Fabric Science	4	3	25	75	100
	III	22U3CDC03	Care and Maintenance of Textile	4	3	25	75	100
	III	22U3CDCP04	Fabric Science Practical	3	2	40	60	100
	III	22U3CDCP05	Children’s Apparel Practical	4	3	40	60	100
	III	22U3CDA02	Fashion Designing	3	2	25	75	100
	III	22U3CDAP03	Fashion Designing Practical	2	2	40	60	100
	IV	22U3CDN01	Fashion Appreciation	2	2	25	75	100
	Total				30	23	-	-
IV	I	22U4LT04	Foundation Tamil – 4	4	3	25	75	100
	II	21U4CE04	Foundation English - 4	4	3	25	75	100
	III	22U4CDC04	Historic Costume and Textile	4	3	25	75	100
	III	22U4CDA03	Dynamics of Fashion	4	3	25	75	100
	III	22U4CDC05	Textile Processing	4	3	25	75	100
	III	22U4CDCP06	Women’s Apparel Practical	4	2	40	60	100
	III	22U4CDCP07	Textile Processing Practical	2	2	40	60	100
	IV	22U4CDSP01	Embroidery Practical	2	2	40	60	100
	IV	22U4CDN02	Fashion Designing	2	2	25	75	100
	Total				30	23	-	-
❖ 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	CRE DIT	MARKS		
						CIA	EA	TOTAL
V	III	21U5CDC06	Computer in Garment Industry	5	5	25	75	100
	III	21U5CDC07	Printing Technology	5	5	25	75	100
	III	21U5CDCP08	Computer aided Designing Practical	5	3	40	60	100
	III	21U5CDCP09	Internship- Viva voice	-	2	40	60	100
	III	21U5CDCP10	Printing Technology Practical	5	3	40	60	100
	III	21U5CDCP11	Men's Apparel Practical	5	3	40	60	100
	III	21U5CDE01	Garment Quality & Cost Control	5	3	25	75	100
	Total				30	24	-	-
VI	III	21U6CDC08	Fashion Merchandising	5	5	25	75	100
	III	21U6CDC09	Textile Finishing	5	4	25	75	100
	III	21U6CDCP12	Accessories Making Practical	4	3	40	60	100
	III	21U6CDE02	Boutique Management	5	4	25	75	100
	IV	21U6CDSP02	Fashion Portfolio Presentation -viva voce Practical	6	3	40	60	100
	IV	21U6CDSP03	Beauty Care Practical	5	2	40	60	100
	V		Extension Activities	-	1	-	-	-
	Total				30	22	-	-
Grand Total					140	-	-	-

SBEC- Skill Based Elective Courses; **NMEC** – Non-Major Elective Courses; **MBEC** – Major Based Elective Courses

III SEMESTER

22U3CDC02

FABRIC SCIENCE

Core-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 Brighten 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 & jacquard – Study of negative & positive dobbies – Study of single cylinder & double cylinder jacquard

mechanisms. Shuttle less looms: Introduction - Advantages - Types of shuttle 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 Co operative 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>

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 Label

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 - scribing - tumble wash. General rules and ways of stain removal.

Text Book(s)

1. Dantyagis,—Fundamentals of Textile and Their Carel, Oriental Longmans Ltd, NewDelhi, 1996
2. Denlkar, —Household Textiles and Laundry Work, Atma RamandSons, Delhi,1993
3. Neomi D’Souza, —Fabric Carel, New AgeInternationalPublisher,1998
4. Davis, —Laundry and Clothing Carel, DramaBook 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>

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/>

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:

1. Design and generalize the measurements for the various kids' garments.
2. Prepare patterns and calculate material requirement for the designed kid's wear.
3. 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. Zarpker System of Cutting- Zarpker. 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/viewssubject?catid=827>
2. <https://www.youtube.com/watch?v=LuazkYL0j3a>
3. <https://www.youtube.com/watch?v=nI-shbmnuVg>

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

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 introduce various art forms to the students by classroom teaching, case studies, pictorial presentation and craft tools
- To engage the students to work on types of fashion and art forms by making them to create miniature models

OUTCOME:

- Students can trained based on High end art and Functional fashions
- Students can work on wearable and non wearable garments

UNIT-1 INTRODUCTION TO FASHION

Introduction to Fashion - Types of fashion: Haute couture fashion-Ready-to-wear fashion-Mass market fashion- Fashion cycle

UNIT-II FASHION STYLES

Types of fashion styles: chic, bohemian, vintage, preppy, artsy, tomboy Alternative clothing style: Punk Fashion, Gothic Fashion, hipster, steam punk, street, grunge, heavy metal fashion.

UNIT-III ART

Fashion as Cultural Indicators, Cross Culture Studies, Role of Fashion in Human culture, Fashion Adoptions-sources of inspiration and their selection World Art-Cubism, Pop art, German expression, modernism, futurism, dada.

UNIT-IV WRITING

Art Writing, Writing for blogs, mind mapping and key words selection, working as a creative team with freelancing stylist. Creating story, content preparation for art and styling, working on concept boards, setting trends, curating and narrating-fashion forecasting.

UNIT-V PHOTOSHOOT

Styling and basic grooming –model poses based on garment-final photo shoot and outcome.

REFERENCE:

1. “Post modernism-a very short introduction”by Chrsitopher Butler
2. “Indian art” by Parthe Mitter
3. “Louvre:all the paintings” by Anja Grebe
4. Brigitte Singh: Printress of the Mughal Garden by Vishwadeep Maitra
5. “Think like an Artist” by Will Gompertz

IV SEMESTER

22U4CDC04

**HISTORIC COSTUME AND TEXTILE
CORE IV**

Knowledge in Historic Costume

COURSE OBJECTIVES:

- ❖ Imparting Knowledge of textiles through the .sense of design.
- ❖ To understand different type costumes to influence the various states.
- ❖ To understand the symbolism of traditional embroidery through motifs

COURSE LEARNING OUTCOMES (CLOs)

1. By the end of the course, students will be able to
2. Identify a specific textiles of India on the basis of colours, motifs, layouts.
3. Classify the regional costumes of India.
4. Classify the regional costumes of India.
5. Understand the evolution of Indian jewelleryes over a period time.
6. Classify the regional embroideryes of India.

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit-I Woven textiles of India Beginning of Costume

Woven textiles of India Beginning of Costume, Growth of Dress out of painting, cutting etc, Study of dyed and printed textiles of India –Bhandhani, patola , ikkat, kalamkari- in all the above types and techniques used. Study of woven textiles of India – Dacca Muslin, Banarasi/ Chanderi brocades, baluchar, himrus and amrus, Kashmir shawls, pochampalli, silk sarees of Kancheepuram.

Unit-2 Regional costumes of India

Regional costumes of India Costumes of India – Traditional Costume of different States of India - Tamil Nadu, Kerala, Andhra Pradesh, Karnataka ,Assam, Orrisa, Bihar, Mizoram, Tripura ,Nagaland, W. Bengal, Sikkim

Unit-3 Traditional Costumes of different States of India

Regional costumes of India Traditional Costume of different States of India; Maharashtra, Rajasthan, Haryana, Himachal Pradesh, Uttarpradesh, Jammu and Kashmir, Gujarat, Madhya pradesh.

Unit-4 Evolution of Indian Jewelleries

Evolution of Indian Jewelleries Indian Jewellery – jewellerys used in the period of Indus valley civilization, Mauryan period , Gupta Period , the Pallava and Chola Period ,Symbolic Jewellery of South India, Mughal period. Temple Jewellery of South India, Tribal jewellery A brief study of gems and precious stones.

Unit-5 Traditional Embroideries

Traditional Embroideries Traditional embroideries of India – Origin Embroidery stitches used – embroidery of Kashmir , Phulkari of Punjab ,Gujarat – Kutch and Kathiawar, embroidery of Rajasthan , Kasuti of Karnataka, Chickenwork of Lucknow, Kantha of Bengal – in all the above – types and colours of fabric /thread.

COMPULSORY

1. Indian Jewellery – M.L Nigam, Lustre Press Pvt Ltd ,India (1999)
2. Indian Costume- G.H Ghosye,Popular Books Pvt Ltd
3. The costumes and textiles of India – Jamila Brij Bhushan, D B Taraporevala Sons & Co, Bombay (1958).
4. Costumes of India –Dorris Flyn, Oxford andIBH Publishing Co ,Delhi (1971).
5. Costumes of India and Pakistan – Das S.N , DB Taraporevala Sons and co, Bombay(1956).

COURSE OBJECTIVES:

- ❖ Imparting Knowledge of textiles through the sense of design.
- ❖ To understand different type costumes to influence the various states.
- ❖ To understand the symbolism of traditional embroidery through motifs

COURSE LEARNING OUTCOMES (CLOs)

7. By the end of the course, students will be able to
8. Identify a specific textiles of India on the basis of colours, motifs, layouts.
9. Classify the regional costumes of India.
10. Classify the regional costumes of India.
11. Understand the evolution of Indian jewellery over a period time.
12. Classify the regional embroideries of India.

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

UNIT - 1 Origin of Fashion

Origin of Fashion – Importance of fashion - Development of fashion, Components of fashion -, Design Details, Texture ,Color and Silhouette . Types of silhouette – Natural Body, Slim line, Wedge , Hour Glass , Extreme Volume Silhouette.

UNIT - 2 Fashion Focus

Fashion Focus – The designers Role , The Manufacturers Role, The Retailers Role . Scope of Fashion Business – Primary Level, The Secondary Level , The retail level and the Auxiliary level. Study about International Designers – Fashion related cycle and theories.

UNIT - 3 The Movement of Fashion

The Movement of Fashion - Factors influencing fashion movement -Accelerating factors, Retarding factors, and Recurring fashions. Predicting the movement of fashion.

UNIT - 4 Types of designers

Types of designers – High fashion Designer, Stylist, and Freelance Designer. Sources of design inspiration. Indian fashion Designers- Manish Malhotra, Ritu kumar, Ritu berri, Tarun Tahilani, Wendell Rodricks, Abu Jani and Sandeep Khosla, JJ Valaya, Rina Dhaka, Manish Arora, and Rohit Bal.

UNIT – 5 Study of International Fashion centers

Study of International Fashion centers – France, Italy, England , Germany, Canada , New York . Study of International Fashion Brands – Women's Wear, Men's Wear, Kids Wear, Sports Wear, Cosmetics and Accessories.

TEXT BOOKS:

1. Elaine stone. 2001. The Dynamics of Fashion. Fair child publications, New York.
2. Gini Stephan Friengs . 1999. Fashion from concept to consumer. [Sixth Edition]. Prentice Hall.

REFERENCE BOOKS:

1. Ellen Diamond. 2007. Fashion Retailing. Pearson Education. INC and Dorling Kinderley Publishing, Delhi.
2. Kitty G, Dickerson. 2005 . inside the fashion Business . Pearson Education. INC and Dorling Kinderley Publishing, D

Basic knowledge in Textile Processing**Course Objectives:**

The main objectives of this course are to:

- Dye the fabrics using the suitable dyes
- Prepare the chemical for f Processing
- To enable students on eco – friendly processing in textile

Expected Course Outcomes:

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

1. Familiarize with the Process sequence in a textile industry
2. Revise and experiment the basic preparatory processing for fabrics
3. Apply the dyes and dyeing methods
4. Understand the various dyeing machines
5. Analyse the pollution created by the textile industry and the need for effluent
6. treatment

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit:1 Wet Processing Process and Basic Finishes

Introduction to textile processing-process sequence-impurities present in grey fabric. Desizing-objects & types-acid, Enzyme desizing. Scouring- objects & types-open scouring, kier boiling

Unit:2 Bleaching- objects & types,

Bleaching- objects & types, chemicals used-hypochlorite, hydrogen peroxide bleaching. Scouring and bleaching of wool, silk, nylon & polyester. Mercerization- objects & types chain, chainless mercerizing.

Unit:3 Dyes and Dyeing Machines

Dyeing-objects, parameters of dyeing, classification of dye stuff according to their chemical structure and specific application. Dyeing of cotton with direct, reactive, vat, sulphur and azoic dyes, polyester with disperse dyes, silk with acid and basic dyes and natural dyes.

Unit: 4 Concept of Dyes and Dyeing Machines

Concept of Dyeing machines – fiber, yarn and fabric dyeing machines – working principles of cheese-hank package – winch – HT Beam, jet – padding mangles-soft flow. Wet processing of Knitted fabric – scouring

– Bleaching- dyeing – printing- Shrink controlling - steaming. Loose stock dyeing machine.

Unit:5 Effluent treatment methods

Colour fastness to washing-light, rubbing and perspiration. Computer colour matching. Study of Eco - friendly chemical processing. Effluent treatment methods – colour removal -bio degradation.

Text Book(s)

1. Shenai V.A.” Technology of textile processing” Vol. III, V,VII Sevale publications, Bombay 1981.
2. Bleaching and Mecerization- E.R. Trotman, Charles griffin co, London 1993.
3. COTeSxTtiUleMpErinDtiEnSgI-GDNr.VA.AN.DShFeAnnSaHi,IsOevNak publication Mumbai 1991.
4. Textile Finishing-Dr.V.A. Shennai, sevak publication Mumbai 1991.

5. Manivasakam.N. Treatment of Textiles Processing, Effluents, Sakthi Publications, Coimbatore, 1995.

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 women's garment designing

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:

1. On the successful completion of the course, student will be able to:
2. Design and generalize the measurements for the various women's' garments.
3. Prepare patterns and calculate material requirement for the designed women's wear.
4. Construct the designed women's garment and calibrate the cost of the garment.

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

1. Calculate the material required –Layout method and Direct measurements method
2. Saree Petticoat- Six Panel, Decorated bottom.
3. Skirts – Circular/umbrella/panel with style variations.
4. Blouse- front open, Fashioned neck, Waist band at front, with sleeve.
5. Salwar (or) Churidhar (or) Parallels (or) Bell Bottom
6. Kameez – with /without slit, with or without flare ,with /without opening ,with or without panels, with /without yoke.
7. Nightie –With yoke, front open , with sleeve , full length.
8. Ladies pant- waist band , zip attached ,tight fitting / parallel pants.
9. 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.]

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

<https://shoeguide.com/>

Basic knowledge about Textile Processing Practical

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.

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

Preparation of samples for Processing:

- Desizing
- Scouring
- Bleaching
- Mercerising

Dye the given fabric using suitable dye:

- DirectDye
- SulphurDyes
- VatDye
- DisperseDye
- ReactiveDyes
- AcidDye

Text Book(s)

1. AATCC Garment wet processing Technical manual (1994)
2. Textile processing and properties, Preparation, Dyeing, Finishing & Performance, Tyrone
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.]

<https://britannica.com/topic/textile/dyeing-and-printing>

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:

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

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

A. Prepare samples for the following

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

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

1. Kantha
2. Chikan
3. Kasuti
4. Zardosi
5. Kutch work
6. Mirror work
7. Aari work

8. Phulkari work .
- C. Crochet
- D. In embroidery practical add
- E. Hand bag - Any 3 types
- F. Hat - Any 2 types
- G. Bow - Decorative bow & formal bow
- H. 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/>

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

V SEMESTER

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.

COURSE OBJECTIVES:

1. To impart the various terminology used in textile printing.
2. Styles and methods involved in printing.
3. Various effects produced by various styles of prints.
4. Limitation of the printing methods

COURSE LEARNING OUTCOME

1. Understand the concept of color and its measurement techniques.
2. Apply the process of dyeing of various fibers with different dyes
3. Understand the mechanism of dyeing with different dyes.
4. Understand the methods and styles of printing.
5. Describe the Advanced printing techniques
- 6.

Unit-1 Introduction to Printing

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

Unit-2 Different styles of 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 colour) Materials used for preparing stencils, process involved and techniques used . Resist printing: Batik printing- wax used, Equipment required, process sequence and techniques used. Tie and dye – Equipment required, process sequence and techniques used.

Unit-3 Printing Machines

Screen printing- preparation of screen, printing paste, printing process–Table screen printing, Flat bed screen printing machine, Rotary screen printing machine. Discharge printing-chemicals used, process involved.

Unit-4 Methods of Printing

Methods of Printing, Block, Flat, Rotary Screen, engraved Roller, Transfer, Duplex printing, Pigment Printing, Batik, Khadi .

Unit-5 Printing Techniques

Advanced printing techniques-electrostatic, digital, sublimation. Other printing methods :Ink jet printing, Heat transfer printing , photo printing. Fixation and after treatment, Printing

REFERENCES

COMPULSORY

1. C.W Pellow, Dyes and dyeing , Abhishek Publications, 2000..
2. Sara J. Radolph and Anna I. Langford, Textile, Prentice Hall, New Jersey, 2002.
3. Z.J. Grosicki ,Watson's design and Colour- Elementary Weaves and Figured Fabrics
4. Charles Griffin co, Dyeing and chemical technology of textile fibers, Wood head Publishing Limited,London, 2004.
5. Shenai . V.A Technology of Textile Sevak Publication, Processing Vol.e, 306, Shri Hanuman Technology of Bleaching Ind. Estate , Edn, 3 1981., Gousmbekar Road, Wadala,Bomby-37.

Core- Practical VIII

Knowledge and skills in manual pattern**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

Unit: 1 Children's wear

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

- 1 Yoke frock
- 2 Baba suit
- 3 Summer frock
- 4 Skirt and tops

Unit: 2 Women's wear

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

- 1 Salwar
- 2 Kameez
- 3 Tops
- 4 Nighty

Unit: 3 Men's wear

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

- 1 Full sleeve shirt
- 2 T-Shirt
- 3 Bermudas
- 4 Pleated trouser

Text Books

<https://medcraveonline.com/JTEFT/various-approaches-in-pattern-making-for-garment-sector.html>

https://www.youtube.com/watch?v=jTWtQNTJt_A

<https://www.youtube.com/watch?v=iX7O4X7O4fNQijA>

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:

- 1 On the successful completion of the course, student will be able to:
- 2 Generalize working structure of the industry/ company
- 3 Analyze the methods adopted in the training place
- 4 Recognize the challenges in the training place
- 5 Discover the nuances of the workplace and appreciate it

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

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. Incase 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
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/>

PRACTICAL

Course Objectives

To enable the students to create a printing design.

To learn how to use different sources in printing.

To choose the different colours combination.

To suggest suitable colour and fabric for all.

Course Learning Outcomes

By the end of the course students will be able to,

CLO1 – Understand the preparation of the samples for printing.

CLO2 – Apply the techniques of printing paste preparation.

CLO3 – Apply the new design for block and stencil printing.

CLO4 – Apply the different method for printing techniques.

CLO5 – Create the natural colours for printing styles.

1. Preparation of samples for printing paste

a. Cotton b. Polyester c. Silk

2. Block Printing and Stencil Printing

Printing of cotton using Block- Vegetables and wooden blocks (2 samples each)

Create design with stencil printing – Chest, Neck and Yoke (3 Samples)

3. Tie and dye printing

Tie and Dye of cotton fabric – any 3 methods

4. Batik Printing

Batik Printing of cotton fabric – any 3 methods

5. Printing with Natural Colours

Printing on cotton fabrics with Natural Colours – any 3 methods

21U5CDCP11

MEN'S APPAREL PRACTICAL

Core Practical-XI

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.

K1 - P1 – Imitation; P2 – Manipulation; P3 – Precision; P4 – Articulation; P5 – Naturalization.

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. Zarapker System of Cutting- Zarapker. K. R, Navneet Publicationsltd.

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

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

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GARMENT QUALITY AND COST CONTROL

MBEC – I

COURSE OBJECTIVES:

To learn the terms of quality in textile industries

To know the uses of quality control and its specification of apparel industries

To gain knowledge in merchandising and quality standards.

To know the basic grids process for production control

COURSE LEARNING OUTCOMES (CLOs)

By the end of the course, students will be able to

1. Understanding of standards and regulations and quality control organization.
2. Acquire skills to inspect, manage and control quality in the textile industry.
3. Analyze the quality specifications in textile
4. Examine the quality control in finished garments, packaging and warehousing
5. Discuss about cost control and types of control forms.

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit -1 Basics of Quality Control

Basics of Quality Control Definition and Scope of Quality Control – Establishing Merchandising Standards–Establishing Raw Material Quality Control specifications – Quality Control of Raw Material.

Unit -2 Quality Control System Establishing

Quality Control System Establishing Processing quality specification – Training Quality Control Personnel – The Quality Standard Control – Quality Control Inspection, Procedures for processing – Quality control of finished garments – Quality control and Government contacts – Quality Control for Packaging, Warehousing and shipping – Statistical Quality Control, Sampling plans – industry – wide quality standards.

Unit -3 Basics of Production control

Basics of Production control Function of Production control – Production, Analysis – Quality Specifications – Quantitative specifications – Scope of Apparel Manufacturing Activity – Coordinating departmental Activities – Distribution of Documents and Records.

Unit -4 Production Control System

Production Control System Type of Control forms – Basic Production Systems – Principles for Choosing a Production System – Evaluating Production Systems – Flow Process Grids and Charts – Basic Flow Process Grid Construction – Flow Process Grids for Production control –Batch Production Line, UPS, Hayer system.

Unit -5 Cost Control

Cost Control, Function of Cost Control: Types of Costs and Expenses – Apparel Manufacturing Cost Categories – Sales Cost Control – Purchasing Cost Control – Production Cost Control – Administration cost control – Cost Ratio Policies – the manufacturing Budget – Cash flow Control – Standard Cost Sheet, Break – Even Charts

REFERENCES:

1. Patty Brown, Janett Rice, -Ready to wear apparel analysis, Prentice Hall, 1998.
2. Salinger, Jacob Apparel, —Manufacturing Analysis, New York, Textile Books Futs, 2001
3. Introduction to Clothing Production Management, A.J. Chuter, Second Edition, Black Well Publishing,
Second Edition, 2004.
4. Apparel Merchandising, Robin Mathew, First Edition, Book Enclave Publishing, 2008.
5. Textile Industry Development and Growth, Satish Tiwari, First Edition, Anmol Publications Pvt. Ltd.,

VI SEMESTER

COURSE OBJECTIVES:

1. To acquaint students with various marketing and merchandising procedures
2. To introduce students to fashion retailing
3. Instruct about roles & responsibilities of merchandiser

COURSE LEARNING OUTCOMES (CLOs)

By the end of the course, students will be able to

1. Understand the elements of cost in pricing apparels
2. Learn about the Budgeting process
3. Learn about the cost estimation techniques for various fabrics
4. Understand the functions of merchandiser
5. Do planning & programming

Unit-1 Merchandising

Merchandising: Introduction, Meaning- Apparel Merchandising – Concepts of „Six Rights“ – Organization structure of an apparel industry – Classification of Exporters - Rating or Grading of export houses – Classification of buyers – Export merchandising and retail merchandising – Company profile and its contents. Types of merchandiser - Functions of a merchandiser – Essential requisites of a good merchandiser – Vendor sourcing, evaluation and development – Global sourcing – Vendor nomination by buyers – Reasons for vendor nomination.

Unit-2 Process flow in apparel industry

Process flow in apparel industry – Buyer sourcing & communication – Enquiry – Order confirmation – order review and its importance – Planning & programming: Master planning, Scheduling or route card – Factors for route card - programming for yarn, knitting, dyeing, stitching, sampling, accessories – Samples: Meaning & importance – Types of samples – expedition of samples

Unit-3 Inspection and its types

Inspection and its types – Testing – Check points before cutting - Pilot run or trial run and its importance – Approvals - Types of approvals – Shipping marks – Final inspection procedures – Self, Second and Third party inspection - Effective expedition procedures.

Unit-4 Order sheet and its contents

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 Advertising

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.

REFERENCES

1. Building Buyer Relationships, Daragho' Reilly, Jullian J. Gibbs
2. Inside the Fashion Business, Mc Millan Publishing Co.,.
3. Fashion Merchandising, Elian Stone,
4. Apparel Merchandising, An integrated Approach, Krishnakumar, M, 2010, Abishek Publications
5. Apparel Merchandising, Robin Mathew, Book Enclave Publishers, Jaipur
6. Apparel Merchandising, Jerry A & Rosenau, Fairchild Publications, London

Core IX**Basic knowledge in garment production processes****Course Objectives:**

- To impart knowledge & understanding of chemistry, mechanism & application process of various textile finishes.
- It aims to enhance the awareness of future trends in textile finishing.
- 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:

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

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit:1 Finishing

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

Unit:2 Mechanical Finishing

Mechanical Finishes- Beetling, Shearing, Calendaring, Tenting, Moirering, Embossing, Glazing, Napping, Chemical Weighting of Silk, Sizing, Sanforizing, Schreiner, Wrinkle free finish.

Unit:3 Functional Finishing

Functional Finish - Resin finish, Water Proof finish, Water Repellent finish, Antimicrobial finish, Flame Retardant finish, Soil Release finish - Process and Recipe, Types and Method of Fusing, Welding and Adhesives, Molding.

Unit:4 Advanced Finishes

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

Unit: 5 Special finishes

Special Finishes On Garments–Finishing of Woven/Knitted garments–Stoneless, Stone Wash effects– Mud wash, Ion wash, Chalk wash, 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

CORE PRACTICAL –XII

COURSE OBJECTIVES:

1. To impart knowledge of fashion Accessories
2. To provide opportunity and to design and to develop fashion accessories

COURSE LEARNING OUTCOMES (CLOs)

By the end of the course, students will be able to

1. Understand the course develop fundamental skills and accessories design,
2. Skills to understand materials with its processes
3. construction principles of various ornaments
4. Apply the anthropometrics, basics of sizes and proportions
5. Create the fashionable properties

To create the Fashion Accessories and Ornaments

1. Hand bag – Any three types
2. Hat – Any two types
3. Bow – Decorative bow and formal bow
4. Belt – For boy and girl
5. Foot wear – Any three types
6. Jewellery designing
 - Teracotta,
 - Quilling jewellery
 - Antique jewellery,
 - Kundan Jewellery –
 - necklace
 - earring
 - chain
 - studs
 - bangles,
 - anklets and
 - finger rings
7. Crystal jewellery, Bead jewellery, wooden jewellery
8. Purse and pouches – Any two types
9. Hair band and head bands – Any four types
10. Watches – Any two types

COURSE OBJECTIVES:

1. To enhance designing creative and innovative fashion pieces as well as enhancing the skills required to market and promote one's brand or boutique.
2. To impart knowledge of fashion design and the management of a small business
3. To impart skills in apparel production in an Industrial set-up.

COURSE LEARNING OUTCOMES (CLOs)

By the end of the course, students will be able to

1. Identify the suitable the beginning of your own business.
2. Understand to build the blueprint of the boutique
3. Appraise the types right sources for investments
4. Recognize to ever growing industry-Interior Design
5. Understand the role of small and medium scale enterprises in the industry

Unit-1 How to start a boutique

How to start a boutique, creating a business plan, finding a ideal location, financial planning.

Unit-2 Government norms to run a boutique

Government norms to run a boutique, interior designing, sourcing of raw materials, and ventory planning.

Unit-3 Buyer supplier relationships

Buyer supplier relationships, consumer relationship, tips and tricks to attract customers.

Unit-4 Essential technology to run a boutique

Essential technology to run a boutique and labour management and warehouse.

Unit-5 Quality control

Quality control, research and development and analysis, marketing and promotion ,maintenance Of boutique.

REFERENCE;

1. Opening a boutique store: how to start your own boutique, Briana Stewart Bull City Publishing, 2014.
2. Fab job guide to become a boutique owner, Tag Goulet, Debra Mikaelson, Catherine Goulet, Fabjob incorporated,2011.
- 3.Fashion unraveled: How to start, run and manage an independent Fashion Label,Jennifer Lynne Mathews, 2009.

PRACTICAL

SBEC – II

Design collections by fulfilling the objectives of the client and user requirements.

Course Objectives

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 craftsmanship and technique.

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 designed categories.

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

Portfolio development and Presentation technique

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 – 3 garments
- 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.]

https://issuu.com/theodoracucu/docs/portfolio_internship_ba

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