

Mahatma Education Society's  
**Pillai College of Arts, Commerce & Science (Autonomous)**  
Affiliated to University of Mumbai

'NAAC Accredited 'A' grade (3 cycles)  
'Best College Award' by University of Mumbai  
ISO 9001:2015 Certified



## **SYLLABUS**

**Program: Bachelors of Science (B. Sc.) in Fashion Design  
& Technology**

# **B.Sc.Fashion Design & Technology**

PCACS/BSCFDT/SYL/2024-25/TY

**As per National Education Policy  
Choice Based Credit & Grading System  
Academic Year 2024-25**



## Department of Fashion Designing

Date: 6<sup>th</sup> July 2023

MINUTES of Meeting of Board of Studies Department of Fashion Designing

Sr No	Name	Composition Category	Signature
1	Mrs. Anuradha Shrivastava	Chairperson	
2	Mrs. Jangray Victor	Member	
3	Mr. Preeti Kadu	Member	
5	Ms. Hanan Tisekar	Member	
6	Dr. Pratima Goyal Head Department of Textile and Fashion Technology College of Home Science Nirmala Niketan Mumabi 400 020	Vice Chancellor Nominee	Goyal 5/7/2023
7	Mrs. Anjali Sadanshiv	Subject Expert	
8	Mrs. Poonam A. Wavikar	Subject Expert	
9	Ms. Vijayalaxmi Gaddale	Industry Expert	
10	Ms. Mrunal Naik	Alumni Nominee	
11	Dr. Gajanan Wader	Principal	
12	Mrs. Deepika Sharma	Vice-Principal	

# **1. Introduction to Bachelor of Science (Hons.) in Fashion Design and Technology.**

B.Sc. in Fashion Design & Technology (BFDT) is a six semester full time program, which employs the best methods to equip the students with the tools and techniques balanced with theory in today's world, which has today taken the shape of the fashion industry.

India, which has always been a Centre for the traditional textile and garment trade has in the past decades, become a Centre of innovation in garment and fashion design.

As one of the major players in the global apparel market, the need for professionals in the field of fashion is increasing tremendously in India. This program equips students to pursue a wide range of career prospects as designers in apparel manufacturing, merchandising, marketing management, quality assurance, production planning & control and product engineering. The course also tunes student's entrepreneurial skills to set up their own manufacturing units and export start-ups.

## 2. Programme Outcomes for B. Sc. Fashion Design & Technology

Sr No	PSO Title	POs in brief
PO1	<b>Theoretical Knowledge</b>	Confident young Entrepreneur or Designer with his or her own designs or boutique or Garment unit
PO 2	<b>Practical skills</b>	The program will enable the students to develop entrepreneur skills by taking up live projects in various areas
PO 3	<b>Planning Experiments</b>	Confident and comprehensive academician having completed postgraduate design program inside India or abroad with strong portfolio
PO 4	<b>Biosafety</b>	The program will enable the students to get well versed with Fashion Industry
PO 5	<b>Communication</b>	The program will help them to develop effective translation and communication skills with the practical methods used while teaching
PO 6	<b>Ethics</b>	Dynamic and confident individuals who excel in any profession they have undertaken due to their strong foundation.
PO 7	<b>Innovation</b>	Design, Draft and construct children, women and men' garments and develop Fashion Portfolios.
PO 8	<b>Life-long learning</b>	Enhance fabric designs with dyeing, printing and surface ornamentation techniques

### **3. Programme Specific Outcomes for B. Sc. Fashion Design & Technology Programme**

<b>Sr No</b>	<b>PSOs in brief</b>
<b>PSO-1</b>	Professionally trained in the areas of Apparel Designing and technology and to acquire knowledge of various garments.
<b>PSO-2</b>	Understand the basic concepts of Fashion Design, its Psychology and Traditional costumes
<b>PSO-3</b>	Demonstrate understanding of the principles of selected fibers, Yarns, Fabrication and their Finishing techniques and methods.
<b>PSO-4</b>	Equip with Apparel Management and Business, Merchandising, quality control and Entrepreneurial skills.

## Course Structure

Semester V						
Course code	Course type	Course Title	Theory / Practical	Marks	Credits	Lecture per week
PUSFD 501	DSC	Fashion Forecasting	Theory/ Practical	150	5	5
PUSFD 502	DSC	Men's Wear	Practical	150	5	5
PUSFD 503	DSC	Range Development Portfolio-I	Practical	200	6	6
PUSFD 504		Internship	Practical	200	6	
		Total		700	22	22
All Subjects having Field Project as part of Continuous Assessment-2						

### Course Structure

#### Semester VI

Course code	Course type	Course Title	Theory / practical	Marks	Credits	Lecture / week
PUSFD 01	DSC	Textile And Garment Quality Analysis	Practical	200	6	6
PUSFD 602	DSC	Woman's wear	Practical	200	6	6
PUSFD 603		Internship/Apprenticeship Project		300	8	--
		Total		700		12
All Subjects having Field Project as part of Continuous Assessment-2						

## Evaluation Pattern

Marking Code	Marking Scheme
A	60 Marks Final Exam, 20 Marks Internal Exam, 20 Marks Project.
B	50 Marks Continuous Exam, 50 Marks Practical Exam.
C	100 marks distributed within report /case study/ project/ presentation etc.
D	100 Marks Practical Examination.

Semester V			
Course code	Course type	Course Title	Evaluation
PUSFD 501	DSC	Fashion Forecasting	B
PUSFD 502	DSC	Men's Wear	B
PUSFD 503	DSC	Range Development Portfolio-I	B
PUSFD 504		Internship	B

Semester VI			
Course code	Course type	Course Title	Evaluation
PUSFD601	DSC	Textile And Garment Quality Analysis	B
PUSFD602	DSC	Woman's wear	B
PUSFD603		Internship/Apprenticeship Project	B



# SEMESTER – V

BOS	BSc. Fashion Design & Technology
Class	T. Y. B.Sc
Semester	V
Subject Name	Fashion Forecasting
Course Title	DSC
Course Code	PUSFD 501
Level of the Course	Advance
Total Credits for the Course	5

### Course Objectives:

1. To understand the forecasting techniques to determine market demands.
2. To be able to make use of the forecast to design collections.

Unit No.	Name of Unit	Topic No.	Name of the topic	Hours
I	Introduction of Fashion Forecasting	1.1	Introduction Meaning of Fashion Forecasting. The role of a forecaster. The precision of the forecast. The fashion industry's components. The structure of the fashion industry. The fashion timetable. Information Network. The selling strategy.	15
II	Research Process in Forecasting	2.1	Research Process in Forecasting Primary sources Secondary sources Tertiary sources Tracking sales Competition Demographics Value & lifestyle Publication Forecasting services Plethora influences Observation posts	15

			The new technology Fashion of involvement New uses of products	
<b>Total Lectures</b>				<b>30</b>

**Course Outcomes:**

By the end of the course, the student will be able to:

1. Analyze basic psychological aspects of clothing and fashion.
2. Understanding the fashion movement and consumer behavior.
3. Create an understanding of International and national fashion brands.
4. Remember information about the History of Fashion and fashion forecasting
5. Evaluate information about textile production, fiber forecasting, and color forecasting
6. Apply knowledge of theoretical method and practical application of Trend forecasting  
To research and analyze trends that influence fashion textile products for the industry and end consumer.

**References:**

1. Fashion Forecasting - Evelyn L. Brannon
2. Fashion Forecasting - Rita Perna
3. Managing quality in the apparel industry - Pradip V Mehta, Satish K. Bharadwaj
4. Quality Assurance for textiles and apparel - Sara J.Kadolph
5. Armstrong, H.J., "Pattern making for fashion design", Pearson, 5th edition 2018.

BOS	BSc. Fashion Design & Technology
Class	T. Y. B.Sc
Semester	V
Subject Name	Men's Wear
Course Title	DSC
Course Code	PUSFD 502
Level of the Course	Advance
Total Credits for the Course	5

### Course Objectives:

1. To understand different categories of men's wear conduct a market survey of the men wear in terms of style details, colors, fabrics, trims, sizes and price.
2. Design men wear by understanding the design details and special features for men and also can give a finishing outlook to the garments.

Unit No.	Name of Unit	Topic No.	Name of the topic	Hours
I	Introduction	1.1	Market survey	11
		1.2	Conceptualization	
II	Process of Design Development	2.1	Design Development	11
		2.2	Final Presentation	
III	Product Development	3.1	Product Development	11
		3.2	Product presentation	
<b>Total Lectures</b>				<b>33</b>

### Course Outcomes:

By the end of the course, the student will be able to:

1. To understand the present trends.
2. To analyze the concept and develop the concept through a mood board and storyboard.
3. Applying their ideas into designing through the concept (partially rendered).
4. Evaluating uses of skills for the final presentation of men's wear on paper.
5. Creating a product.
6. Remembering the process of men's wear.

**References:**

1. Armstrong, H.J., "Pattern making for fashion design", Pearson, 5th edition 2018.
2. Aldrich, W., "Metric pattern cutting for Men's wear", Wiley, 5th edition, 2005.
3. Fashion Forecasting - Evelyn L. Brannon
4. Fashion Forecasting - Rita Perna
5. Kim, M., "Pattern making for Menswear: Classic to Contemporary" Fairchild Books; Spi edition 2014.

BOS	BSc. Fashion Design & Technology
Class	T. Y. B.Sc
Semester	V
Subject Name	Range Development
Course Title	DSC
Course Code	PUSFD 503
Level of the Course	Advance
Total Credits for the Course	5

### Course Objectives:

1. To understand the requirements of domestic brands through research.
2. To develop a range suitable to the selected domestic brand.

Unit No.	Name of Unit	Topic No.	Name of the topic	Hours
I	Selection of themes for the collection	1.1	Market Research Development of mood boards Rough sketches	11
		1.2	Work on Textures Collect swatches & Trimmings	
II	Experimenting and creating a storyboard	2.1	The final sketches Fabric swatches	11
		2.2	Trimmings Ornamentation Textures	
III	Final Collection	3.1	Making of toils (muslin pattern) for the selected collection.	11
		3.2	Presentation & Feedback Coordinate accessories	
		3.3	Final collection Client Presentation using CAD	
<b>Total Lectures</b>				<b>33</b>

**Course Outcomes:**

By the end of the course, the student will be able to:

1. To understand the development process and develop a fashion portfolio.
2. To analyze the concept and develop the concept through a mood board and storyboard.
3. Applying their ideas into designing through the concept.
4. Evaluating the use of skills for the final presentation.
5. Creating a collection.
6. Remembering the development process.

**References:**

1. Concept to Consumer - Fringes.
2. Armstrong, H.J., "Pattern making for fashion design", Pearson, 5th edition 2018.
3. Aldrich, W., "Metric pattern cutting for Men's wear", Wiley, 5th edition, 2005.
4. Fashion Forecasting - Rita Perna
5. Kim, M., "Pattern making for Menswear: Classic to Contemporary" Fairchild Books; Spi edition 2014

# SEMESTER-VI



BOS	BSc. Fashion Design & Technology
Class	T. Y. B.Sc
Semester	VI
Subject Name	Textile & Garment Quality Analysis Assurance
Course Title	DSC
Course Code	PUSFD 601
Level of the Course	Advance
Total Credits for the Course	4

### Course Objectives:

1. This course is intended to impart the knowledge of quality analysis and assurance and its importance in the textile industry.
2. To impart knowledge about the tests and standards set in the garment industry on which products are evaluated.

Unit No.	Name of Unit	Topic No.	Topic Name	Hours
I	Introduction of garment quality, Raw Material inspection process	1.1	Introduction - What is quality? Why quality is important?	11
		1.2	Inspection Raw material inspection In-process inspection Final inspection How much to inspect Definitions of fabric defects British standards of interest to garment manufacturers standards of interest to garment manufacturers	
II	Textile Testing & Product Evaluation	2.1	Textile Testing & Product Evaluation Precision & Accuracy of Test Methods Atmospheric conditions for testing Strength properties of apparel Fabric stretches properties	11

			Dimensional changes in apparel due to laundering, dry-cleaning, steaming & pressing. -Needle cutting/yarn severance -Sew-ability of fabrics -Bow and skewness (Bias) in woven and knitted fabrics	
		2.2	Testing of fusible interlinings Testing of zippers Elastic waistband testing Yarn strength and elongation Yarn twist Sewing Threads Wear testing	
III	Care labeling of apparel and textiles	3.1	Objective evaluation of fabric hand Quality cost Quality management	11
<b>Total Lectures</b>				<b>33</b>

### Course Outcomes:

By the end of the course the student will be able to:

1. Understand the meaning and importance of quality cost, quality management.
2. Analyzing complete knowledge of inspection at various level and the
3. Application of different tests used in industry.
4. Evaluating the classification of fabric hand.
5. Creating ideas in Quality management.
6. Synthesizing classification and application quality cost and quality management in the garment industry.

### References:

1. Managing quality in the apparel industry - Pradip V Mehta, Satish K. Bharadwaj
2. Quality Assurance for textiles and apparel - Sara J.Kadolph
3. Fashion Forecasting - Rita Perna
4. Armstrong, H.J., "Pattern making for fashion design", Pearson, 5th edition 2018.
5. Aldrich, W., "Metric pattern cutting for Men's wear", Wiley, 5th edition, 2005.

BOS	BSc. Fashion Design & Technology
Class	T. Y. B.Sc
Semester	VI
Subject Name	Women's Wear Pattern Making
Course Title	DSC
Course Code	PUSFD 602
Level of the Course	Advance
Total Credits for the Course	4

### Course Objectives:

1. To understand different categories of women's wear conduct a market survey of the women's wear in terms of style details, colors, fabrics, trims, sizes and price.
2. Design women's wear by understanding the design details and special features for men and also can give a finishing outlook to the garments.

Unit No.	Name of Unit	Topic No.	Name of the topic	Hours
I	Introduction	1.1	Market survey	11
		1.2	Conceptualization	
II	Process of Design Development	2.1	Design Development	11
		2.2	Final Presentation	
III	Product Development	3.1	Product Development	11
		3.2	Product presentation	
<b>Total Lectures</b>				<b>33</b>

### Course Outcomes:

By the end of the course, the student will be able to:

1. To understand the present trends.
2. To analyze the concept and develop the concept through a mood board and storyboard.
3. Applying their ideas into designing through the concept (partially rendered).
4. Evaluating uses of skills for the final presentation of women's wear on paper.
5. Creating a product.
6. Remembering the process of women's wear.

**References:**

1. Women's wear elements and details: illustrated design reference for fashion professionals (visual fashion design resources book 1)
2. Managing quality in the apparel industry - Pradip V Mehta, Satish K. Bharadwaj
3. Quality Assurance for textiles and apparel - Sara J.Kadolph
4. Fashion Forecasting - Rita Perna
5. Armstrong, H.J., "Pattern making for fashion design", Pearson, 5th edition 2018.

\*\*\*\*\*