

Branch Name	Master of Design (Fashion Design)
Branch Code	FD201
Course Name:	Pattern Making & Garment Construction- I
Course Code	2FD2010103
Pre-requisite Course:	-----

Course Objectives:

1. Understand the principles, terminology, and techniques of pattern making and garment construction used in the fashion industry.
2. Develop skills in taking body measurements and creating basic pattern blocks for various garment categories.
3. Apply pattern manipulation techniques such as dart manipulation, contouring, fullness addition, and style-line development to create innovative designs.
4. Analyze garment fit, balance, and proportion to achieve functional, aesthetic, and ergonomic design solutions.

Teaching and Examination Scheme:

Teaching Scheme (Hours per week)				Evaluation Scheme (Marks)								Total (Marks)
Lecture (L)	Tutorial (T)	Practical (P)	Credit	Theory (Marks)				Practical (Marks)				
				University Assessment		Continuous Assessment		University Assessment		Continuous Assessment		
				Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
-	-	8	4	-	-	-	-	20	50	20	50	100

Subject Content:

Sr.No	Topic	Total Hours	Weightage (%)
1	Introduction to Pattern Making • Importance and role of pattern making in fashion design. • Tools and equipment used in pattern drafting and garment construction. • Understanding body measurements and size charts. • Pattern making terminology, symbols and measurement chart.	12	25%
2	Pattern Drafting • Drafting of basic bodice block. • Drafting of basic skirt block. • Drafting of basic sleeve block. • Pattern marking, labelling, and pattern layout.	12	25%
3	Pattern Manipulation and Design Development • Dart manipulation techniques. • Adding fullness through pleats, gathers, and tucks. • Developing neckline and collar variations. • Sleeve and skirt variations using pattern alteration.	12	25%
4	Module 4: Garment Construction Techniques • Introduction to sewing tools and sewing machine operation. Garment Construction- Jumpsuit, Corset, Dress, Gown, Top	12	25%

Reference Books:

S.No	Books
1	Pattern Making and Garment Construction – Sumathi G. J., New Age International Publishers, 2007.
2	Garment Construction Skills – Bandana Narula, Sterling Publishers Pvt. Ltd., 2008.
3	Pattern Development and Garment Construction – Rohit Manglik, EduGorilla Publication, 2023.

Course Learning Outcomes (CLO): On completion of this course, the students will be able to:

CLO	Description	Bloom Taxonomy Level
CLO1	Explain the basic concepts and terminology used in pattern making and garment construction.	1 Remembering
CLO2	Take accurate body measurements and develop basic garment blocks.	2 Understanding
CLO3	Draft patterns for garments such as bodices, skirts, and sleeves.	3 Applying
CLO4	Apply pattern manipulation techniques to create design variations.	4,5 Evaluate, Analyse
CLO5	Demonstrate garment construction techniques including stitching and finishing.	3, 6 Applying, Creative

Mapping of CLOs with Pos & PSOs

Course	Program Outcomes (PO's)										Program Specific Outcomes (PSO)	
Learning Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PSO 1	PSO 2
CLO 1	L			H							M	
CLO 2		M				L	L					
CLO 3			M		M					H		M
CLO 4	H							M			M	
CLO 5		M			L	M			L			L
CLO 6				H	H				H	M	H	

H: High, M: Medium, L: Low