

Branch Name	Master of Design (Fashion Design)
Branch Code	FD201
Course Name:	Design Thinking
Course Code	2FD2010201
Pre-requisite Course:	-----

Course Objectives:

1. To understand the principles, processes, and methodologies of design thinking for addressing complex design challenges.
2. To develop user-centered problem-solving skills through empathy, observation, research, and need identification.
3. To apply ideation and creative thinking techniques for generating innovative and sustainable design solutions.
4. To develop prototyping and testing skills for evaluating and refining design concepts based on user feedback.

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.	
2	-	-	2	10	25	10	25	-	-	-	-	50

Subject Content:

Sr.No	Topic	Total Hours	Weightage (%)
1	Foundations of Design Thinking • Introduction to Design Thinking: Concepts, principles, and applications in fashion • Human-centered design approach in fashion development • Stages of Design Thinking: Empathize, Define, Ideate, Prototype, and Test	6	25%
2	Creative Exploration Concept Development • Research methods for fashion inspiration and concept generation • User needs, lifestyle analysis, and fashion problem identification • Ideation techniques and creative thinking tools	6	25%
3	Prototype Development • Rapid prototyping and iterative design development • Pattern extraction from draped muslins • Couture garment construction techniques • Fit analysis, evaluation, and refinement	6	25%

4	Design Innovation, Sustainability, and Collection Development • Sustainable and zero-waste draping approaches • Design thinking for circular and responsible fashion • Presentation, storytelling, and portfolio development • Capstone project: Concept-to-collection development	6	25%
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Reference Books:

S.No	Books
1	Allen Tate- The making of interiors - An introduction- Harper & Row Publishers, New York, 1987.
2	Sherrill Whiton - Interior Design & Decoration, Fourth Edition, Prentice Hall, 1974.
3	Gary Gordon & Jamco L. Nuckolls - Interior lighting for Designers, Third edition - John Wiley & Sons, New York, 1995.

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

CLO	Description	Bloom Taxonomy Level
CLO1	To Understand Fashion research	2 Understanding
CLO2	To Remember of Understanding the process and method Fashion research.	1 Remembering
CLO3	To Define Types Research Analysis	3 Applying
CLO4	To Applying Historical study, research, study	4,5 Evaluate, Analyse
CLO5	To Analyze Presentation and Fashion research	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