

Branch Name	Master of Design (Fashion Design)
Branch Code	FD201
Course Name:	Surface ornamentation & Dyeing Technology
Course Code	2FD2010207
Pre-requisite Course:	-----

Course Objectives:

1. To develop advanced knowledge of surface design techniques and textile embellishment processes.
2. To understand scientific principles and technologies involved in textile dyeing.
3. To explore traditional, contemporary, and sustainable ornamentation methods.
4. To integrate creative surface development with innovative dyeing applications for fashion products.

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.	
-	-	4	2	-	-	-	-	10	25	10	25	50

Subject Content:

Sr.No	Topic	Total Hours	Weightage (%)
1	Fundamentals of Surface Ornamentation and Textile Coloration • Introduction to surface ornamentation and textile enhancement • Color theory and color psychology in fashion • Design development for surface ornamentation	6	25%
2	Traditional and Contemporary Surface Ornamentation Techniques • Embroidery techniques: hand and machine embroidery • Appliqué, patchwork, quilting, and fabric manipulation • Beadwork, sequins, mirror work, and embellishments • Lace, crochet, and decorative textile structures • Textile painting and fabric decoration	6	25%
3	Surface Ornamentation Dyeing Technologies and Textile Printing • Resist Dyeing -Tie-dye, Batik, Shibori, Leheriya, Bandhani, and resist dyeing techniques • Block printing, screen printing, roller printing, and digital printing	6	25%
4	Innovative Surface Design, Sustainable Technologies, and	6	25%

	Portfolio Development - Experimental textile surface development 3D surface ornamentation and texture creation - Collection development using surface ornamentation and dyeing techniques		
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Reference Books:

S.No	Books
1	Lemon, Jane (2004). Metal Thread Embroidery.
2	The Art of Embroidery: Inspirational Stitches, Textures and Surfaces by Francoise.
3	The Embroiderer's Handbook by Margie Bau.
4	Textile Dyes, V k Shahnai

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

CLO	Description	Bloom Taxonomy Level
CLO1	traditional and contemporary surface ornamentation technique	1 Remembering
CLO2	appropriate dyeing technologies, dyes, chemicals, and fabric preparation processes for different textile materials	2 Understanding
CLO3	Create innovative textile surfaces using advanced ornamentation techniques such as embroidery, printing	3 Applying
CLO4	Develop original surface design concepts and textile samples by integrating colour, texture, pattern, and ornamentation techniques	4,5 Evaluate, Analyse
CLO5	Design and execute a professional collection of fashion or lifestyle products demonstrating advanced surface ornamentation and dyeing technologies.	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