



**Gyanmanjari**  
Innovative University

Course Syllabus  
Gyanmanjari Institute of Design  
Semester-3

**Subject:** Surface Ornamentation Technique - BDEFD13321

**Type of course:** Major

**Prerequisite:** Student must have the surface embellishment knowledge, for getting uniqueness into their garment process.

**Rationale:** Surface ornamentation techniques enhance the aesthetic and functional value of textiles through methods like embroidery, appliqué, printing, and beadwork. These techniques promote creativity, cultural expression, and craftsmanship while also contributing to sustainable practices and the economic empowerment of artisans. The subject equips students with both traditional and contemporary skills essential for fashion and textile design.

#### Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks					Total Marks
CI	T	P	C	Theory Marks		Practical Marks (E)		CA (I)	
				ESE	MSE	V	P	ALA	
0	2	4	4	00	00	10	40	50	100

Legends: CI-Classroom Instructions; T – Tutorial; P - Practical; C – Credit; ESE - EndSemester Examination; MSE- Mid Semester Examination; V – Viva; CA - Continuous Assessment; ALA- Active Learning Activities.

#### Course Content:

Sr. no.	Course content
1	<b>Unit-1 – Print Techniques</b> 1.1 Screen Printing 1.2 Digital Printing 1.3 Block Printing 1.4 Stencil Printing
2	<b>Unit-2 – Motif Development</b> 2.1 Motif & Pattern 2.2 Types of Motifs 2.3 Pattern Repeats & Layout





3	<b>Unit-3 – Tie-Dye Techniques</b>
	3.1 Tools & Material
	3.2 Tie Techniques
	3.3 Dye Techniques
	3.4 Surface Painting
4	<b>Unit-4 – Embellishment Techniques</b>
	4.1 Experimental Surface design
	4.2 Methods & Development of Surface
	4.3 Layered & Mixed Media
	4.4 Sustainable aspects
	4.5 Final Outcomes

**Continuous Assessment:**

Sr. No.	Active Learning Activities	Marks
1	<b>Print design</b> Make fashion accessories using printing methods and upload Process video on the GMIU portal.	10
2	<b>Motif &amp; Embroidery</b> Construct the motif and the border apply on fashion accessories and do embroidery as per faculty guidance and approvals and Upload the photoshoot of products on the GMIU portal.	10
3	<b>Dress Design</b> Make a Dress using surface by tie dye techniques as per faculty instruction and upload a process video of process and final outcome on the GMIU portal.	10
4	<b>Surface Design</b> Make a final top using any embellishment techniques and upload a photo on the GMIU portal	10
5	<b>Attendance</b>	10
	<b>Total</b>	50

**Suggested Specification table with Marks (Theory):NA**

Distribution of Theory Marks (Revised Bloom's Taxonomy)						
Level	Remembrance(R)	Understanding(U)	Application(A)	Analyze (N)	Evaluate (E)	Create (C)
Weight age	NA	NA	NA	NA	NA	NA

Note: This specification table shall be treated as a general guideline for students and teachers.  
The actual distribution of marks in the question paper may vary slightly from above table.





**Course Outcome:**

After learning the course, the students should be able to:	
CO1	Apply advanced surface design techniques to create innovative textile patterns.
CO2	Translate design ideas onto fabric.
CO3	Develop diversified products by using different surface techniques
CO4	Understand different techniques of surface styling.

**List of Practical**

Sr. No	Description	Unit No	Hrs.
1	Make a swatch Sample of Screen printing	1	2
2	Find out the different type of digital print & make a sample any one digital print	1	2
3	Make a Block and swatch sample of block print	1	2
4	Make a swatch sample of Stencil Print	1	2
5	Make a one sheet of stating difference of between motif & pattern	2	2
6	Do all type of motifs in one sheet as an board and different medium of colors	2	2
7	Make a two sheet of Block repeat & Half – Drop Repeat Pattern respectively.	2	2
8	Make a two sheet of Diamond repeat & Ogee Repeat Pattern respectively.	2	2
9	Make a two sheet of Strip repeat & Plaid/Checks Repeat Pattern respectively.	2	2
10	Make a two sheet of Dot repeat & Toes/Random Repeat Pattern respectively.	2	2
11	Make a two sheet of Mirror (Full Block) repeat & Mirror (Half – Drop) Repeat Pattern respectively.	2	2
12	Make a two sheet of Scale repeat & Turn Over/4 way Repeat Pattern respectively.	2	2
13	Make a product & apply any one repeat pattern, by construct one Motif.	2	2
14	Make a Sample swatches of NaturalDye (Turmeric, Beetroot, Onion, etc.) with different tie techniques (mini. 10 Swatches)	3	4





15	Make a Sample Swatches of Synthetic Dye with different Tie Techniques. (mini. 12 Swatches)	3	4
16	Make a Rainbow Color Dye using Tie Technique on Plain White T-Shirt or Plain White Shirt.	3	2
17	Make a Dress and Dye a Ombre Technique and the Embroidery on the Surface of Dress.	3	2
18	Make Saree and Paint a Design on the Saree (Group Practical).	3	2
19	Make a Sample of Painting, Printing & Embroidery on Swatch.	3	2
20	Explore & Experiment the Surface with different Material (beads, sequence, pearls, buttons, threads, etc.) & different sheer fabrics (mini. 5 sample)	4	4
21	Develop mini. 5 samples with your own creativity.	4	2
22	Explore the designer's work who are working on surface and make 2 sample of their work	4	2
23	Layered mix match combination of different fabrics and do experiment with embroideries.	4	2
24	Make a big swatch that can be use on any plain garment, swatch should contain all surface techniques.	4	2
25	Find out the how we can add sustainable aspects into surface techniques make a sample through using that aspects.	4	2
26	Take a jacket or create a shrug and do suitable surface techniques.	4	2
27	Make a theme base swatch by using surface techniques.	4	2
<b>Total</b>			<b>60</b>

### Instructional Method:

The course delivery method will depend upon the requirement of content and need of students. The teacher in addition to conventional teaching method by black board, may also use any of tools such as demonstration, role play, Quiz, brainstorming, MOOCs etc.

From the content 10% topics are suggested for flipped mode instruction.

Students will use supplementary resources such as online videos, NPTEL/SWAYAM videos, e-courses, Virtual Laboratory

The internal evaluation will be done on the basis of Active Learning Assignment

Practical/Viva examination will be conducted at the end of semester for evaluation of performance of students in laboratory.



### **Reference Books:**

- [1] Briggs-Goode, A. (2016). Printed Textile Design, Bloomsbury Visual Arts.
- [2] Traditional Indian Handcrafted Textiles: History, Techniques, Processes, and Designs -Vol. I & II by Anjali Karolia
- [3] Fisch, A. M. (2000). Textile Surface Manipulation, Interweave
- [4] White, A., & Geddes-Brown, L. (2011). Pattern and Palette Sourcebook 2: A Complete Guide to Choosing the Perfect Color and Pattern in Design, Harper Design.
- [5] Zarins, R. S. (2016). Surface Design for Fabric, Schiffer Publishing

