



GUJARAT TECHNOLOGICAL UNIVERSITY

Program Name: Engineering

Level: Diploma

Branch: Textile Designing

Course / Subject Code : DI03059021

Course / Subject Name : Traditional Printing Design

w. e. f. Academic Year:	2024-25
Semester:	3 rd
Category of the Course:	PCC

Prerequisite:	Basic knowledge about different Traditional Textile across India and materials used and their production method. Student having understanding different manufacturing process for Indian traditional textiles.
Rationale:	India has a rich history in traditional textiles, once serving as a global pioneer in the industry. These textiles include techniques like weaving, embroidery, resist dyeing, and printing to create colorful and patterned fabrics. Methods such as Bandhani, Batik, and various needlework are integral to the craft. Textile designers today blend tradition with innovation to create aesthetically pleasing, fusion-based products. Traditional textiles remain vital in India's market, especially for religious and ceremonial purposes, while contributing value in the global textile industry.

Course Outcome:

After Completion of the Course, Student will able to:

No	Course Outcomes	RBT Level
01	Identify the different types of the traditional textile.	R
02	Understand basic method for textile production, woven, and embroidery and resist style of textile.	U
03	Apply concept of fusion in textile design.	C
04	Appreciate the new techniques for ethnic wear and design of textile.	A

**Revised Bloom's Taxonomy (RBT)*



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Teaching and Examination Scheme:

Teaching Scheme (in Hours)			Total Credits L+T+ (PR/2)	Assessment Pattern and Marks				Total Marks
L	T	PR	C	Theory		Tutorial / Practical		
				ESE (E)	PA(M)	PA(I)	ESE (V)	
03	00	02	04	70	30	20	30	150

Course Content:

Unit No.	Content	No. of Hours	% of Weightage
1.	Introduction and Scenario of indian traditional textile 1a. Define traditional textile. 1b. Describe different traditional textile Materials. 1c. Explain use of different Traditional textile Materials. 1d. Create different garment using different Materials & techniques.	05	10
2.	Woven and embroidery traditional textile 2a. Explain techniques of ancient weaving and embroidery techniques. 2b. Use different embroidery style in garment. 2c. Prepare new fabric design surface by applying different embroidery patterns.	10	25
3.	Printing traditional textile 3a. Explain different techniques of Traditional printing. 3.b Explain techniques of Block printing. 3c. Use different natural materials for making traditional printing.	10	25
4.	Painting traditional textile 4a. Create variety of paintings According to their uses in textiles. 4b. Develop new designs in context to traditional textile. 4c. Combined traditional and New techniques of painting for current trends. 4d. Develop new painting textile for fusion garment.	06	15
5.	Resist style textile	14	25



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	5a. Create different effect on fabric by using different resist style techniques. 5b. Create different texture effect on surface of the fabric. 5c. Different uses of the resist textile in fashion industry. 5d. Combine stencil and resist style to make katazome printing.		
	Total	45	100

Suggested Specification Table with Marks (Theory):

Distribution of Theory Marks (in %)					
R Level	U Level	A Level	N Level	E Level	C Level
15	20	15	20	15	15

Where R: Remember; U: Understanding; A: Application, N: Analyze and E: Evaluate C: Create (as per Revised Bloom's Taxonomy)

References/Suggested Learning Resources:

(a) Books:

S. No.	Title of Book	Author	Publication with place, year and ISBN
1	5000 Years of Arts and Crafts in India and Pakistan	Shanti Swarup	D.B. Taraporevala, Bombay, First edition, January-1, 1968 ISBN : Does not apply
2	Decorative Design and Craftsmanship of India with over 10,000 design and motifs from the craft of India	Kamala Devi Chattopadhyay	Kalyani Publishers ,2008 ISBN:9788127244149
3	Oriental carpet design (A guide to traditional motifs, patterns and symbols)	P.R.J.Ford	Thames and Hudson-1992, ISBN: 9780500276648
4	Embroidered Textiles (Traditional pattern from five continents)	Sheila Paine	Thames and Hudson-1990, ISBN:9780500235973
5	Stenciling made easy (A complete beginner's guide)	Joanna sheen	Haldane mason, London-1995 ISBN:0-7525-1087-8



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6	Ikat textiles of India	Chelna Desai	Chrpnicle india, California ISBN : 0-87701-548-1
7	Studies in Indian Textiles	V. Suguna Sarma	Bharatiya Kala Prakashan 81-86050-13-2
8	5000 Years of Textiles	Jennifer Harris	British museum, London ISBN : 0-7141-1715-3
9	Roop Sanhita Design through the ages	Vasudeo Smart	Smt. Pramila Vasudeo Smart
10	Indian Painted and printed fabrics	John Irwin & Margaret Hall	Vakil & sons private limited
11	Embroidered Textiles	Sheila Paine	Thames and Hudson 0-500-23597-X
12	Tie-dyed textiles of india	Veronica murphy and rosemary crill	Victoria and albert museum in association with Mapin publishing pvt.ltd
13	Materpieces of Indian Textiles	Rustam J. Mehta	D.B.Taraporewala sons & co. Private ltd.
14	Traditional Indian Textiles	John Gillow Nicholas Barnard	Thames and Hudson 0-500-27709-5
15	Indian Pigment Paintings on Cloth	Kay talwar & Kalyn Krishna	Vakil & sons Limited

(b) Open source software and website:

1. <https://medium.com>
2. <https://textilevaluechain.in>
3. <https://www.textilesphere.com>
4. <https://textilesfindia.in>
5. <http://www.craftmark.org>
6. <https://dsource.in>
7. <https://www.fibre2fashion.com>
8. <https://www.tourmyindia.com>
9. <https://dsource.in>
10. <http://www.craftmark.org>



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Suggested Course Practical List: If any

S. No.	Practical Outcomes (PrOs)	Unit No.	Approx. Hrs. required
1.	Make chart of different traditional textile.	1	02
2.	Make list of different traditional textile material used in making process.	1	02
3.	Make Bandhani and batik by using resist style method and use natural resources.	5	02
4.	Make Ajarak and Ikat by using resist style and use natural resources.	5	02
5.	Make Katazome and Bagru print by using resist style and use natural resources.	5	03
6.	Make Block print and bagh block print by using wooden block and natural colorant material.	3	03
7.	To understand Matani pachedi and Dabu print on cotton fabric by using natural colorant material.	4	03
8.	To understand Kalamkari and Madhubani art on silk fabric by using natural colourant material.	4	03
9.	To understand Rogan art and Pabuji ni phad on natural fibre fabric.	3	03
10.	Make kantha and chamba roomal embroidery by using cotton yarn.	2	03
11.	Make metal zardoshi on cotton and phulkari embroidery on khaddar.	2	02
12.	To understand Pashmina shawl and Jamdani from natural fibre.	2	02
			30

List of Laboratory/Learning Resources Required:

S. No.	Equipment and Tool Name with Broad Specifications	PrO. No.
1	Needles of different sizes	3,4,9
2	Scissors and cutter	3,5,9,11,12
3	Wooden hand loom	12
4	Metallic rods different sizes	3,7,9,11
5	Wooden frame with hook (Khatali)	3,7,10,11



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6	Wooden and metallic ring	3
7	Sewing machine	5,10,11,12
8	Printing table and block	6,7,8,
9	Natural colourant material and clay	3,4,5,6,7,8,9,10,11,12
10	Badla, sequece and metallic wire	11
11	Kharal, challah and Handiyo	9
12	Mud, gum, stencil paper, and resist pate.	4,5,7,
13	Different size of brushes	3,5,7,8,9
14	Card board, clip , pin	1

Suggested Project List:

- New product development by using different traditional textile concepts.
- Arrange an exhibition for the traditional textile to motivate the people for purchase.
- Make collection of of different traditional textile and make some new fusion textile and develop new idea for the traditional textile.

Suggested Activities for Students: If any

- Visit traditional textile manufacturing unit / boutique.
- Undertake micro-projects of making various traditional textile making process.
- Develop new products by collaboration with Rural artist.
- Visit craft mela and gallery and make a report and documentary for the same

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