

**GUJARAT TECHNOLOGICAL UNIVERSITY, AHMEDABAD, GUJARAT  
COURSE CURRICULUM**

Course Title: Needle craft  
(Code: -3325105)

Diploma Programmes in which this course is offered	Semester in which offered
Computer Aided Costume Design and Dress Making	Second Semester

### 1. RATIONALE

This course helps in development of skills related to application of appropriate needle work technique and traditional stitch technique as per the requirement of the garment design. It is useful for the students for embellishing the fabric in garment industry. This knowledge is useful for preparing fashioned garments.

### 2. COMPETENCY

The practical in this course are to be taught in such a way that after completion of this course student should be able to acquire the following competency:

- i. Prepare the samples using appropriate type of basic stitch technique.

### 3. Teaching and Examination Scheme

Teaching Scheme (In Hours)			Total Credits (L+T+P)	Examination Scheme				Total Marks
L	T	P		Theory Marks		Practical Marks		
L	T	P	C	ESE	PA	ESE	PA	100
0	0	4	4	0	0	40	60	

**Legends:** L-Lecture; T – Tutorial/Teacher Guided Theory Practice; P - Practical; C – Credit ESE - End Semester Examination; PA - Progressive Assessment.

**Note:** It is the responsibility of the institute heads that marks for PA of theory & ESE and PA of practical for each student are entered online into the GTU Portal at the end of each semester within the dates specified by GTU.

### 4. DETAILED COURSE CONTENT:

--N.A.--

### 5. SUGGESTED SPECIFICATION TABLE WITH HOURS & MARKS (THEORY):

--N.A.--

## 6. SUGGESTED LIST OF EXERCISES/PRACTICAL

The exercises/practical should be properly designed and implemented with an attempt to develop different types of skills so that students are able to acquire the above mentioned competency. Following is the list of exercises/practical for guidance.

Sr. No.	Unit No.	Practical Exercise/Experiment	Approx. Hours Required
1	I	Create five motifs and repeats patterns for field & borders, make Khakha of these patterns Create a sample of net Embroidery Create a sample of Draw Thread Work with various techniques Create a sample of Faggoting with various techniques	16
2	II and (Unit II & III of Indian embroidery)	i. Create a Sample of Ribbon work of 8"x8" ii. Create a Sample of Computerised Embroidery iii. Create a Sample of Ari work of 8"x8" iv. Create a Sample of Bead Work 4"x4" v. Create five samples on Explorations of stitches learned in Indian embroidery with material explorations (fabrics, threads, beads, sequins, mirrors, needles)	16
3	III	Prepare following sample of crochet (4"/4" size). i. Circle ii. Triangle iii. Square iv. Decorative (Flower/ leaf/ button/ spring)	12
4	IV	i. Latch Rug Making	06
5	---	Prepare the following (Any One) ii. Crochet lace.(Size 6") iii Rug Samples	06
<b>Total</b>			<b>56</b>

## 7. SUGGESTED LIST OF STUDENT ACTIVITIES

7.1 Students will prepare file/journal for the above mentioned practicals.

7.2 Student may be asked to collect motifs from internet or books which are related to various topics.

## 8. SUGGESTED LEARNING RESOURCES

### A. List of Books

Sr. No.	Title of Book	Author	Publication
1	Traditional Embroideries of India	Dr. Shailaja D. Naik	A.P.H.Publishing Corporation
2	Crafts of Gujarat Embroidery Ornaments.	Jaya Jaitly	
3	Textiles and embroidery of India		Mark Publications, 34-38 Bank street, Bombay, India.
4	Indian Embroidery	Savitri Pandit	
5	A stitch in Gujarat embroidery		The Gujarat state Handicraft & Handloom Development Corporation Ltd.
6	Bhartiya Kashidakari	Dr. Amita Patel	
7	Complete guide to needle work		Reader digest publication,
8	Encyclopedia of needle work		Fashion Book Company of India

### B. List of Major Equipment/ Instrument

Single head Computerised Embroidery Machine

### C. List of Software/Learning Websites

<http://www.dicraft.co.za/blog/> for ribbon work

## 9. COURSE CURRICULUM DEVELOPMENT COMMITTEE

### Faculty Members from Polytechnics

- **Prof. (Mrs.) Ila Dave, HOD**, Dept of CACDDM, Sir B. P. T. I , Bhavnagar
- **Prof. (Mrs.) S.H.Bhatt**, Lecturer, Dept of CACDDM, K.J.Polytechnic,Bharuch.
- **Prof. (Ms.) F.V.Kugashiya**, Lecturer, Dept of CACDDM, G.P.G., Ahmedabad.
- **Capt. R.O.Yadav**, Lecturer, Dept of CACDDM, C.U.Shah Polytechnic, Surendranagar.
- **Prof. (Mrs.) S.M. Nakrani**, Lecturer, Dept of CACD&DM, Sir B. P. T. I , Bhavnagar.

### Coordinators & Faculty members from NIFT Gandhinagar

- **Prof. Pavan Godiawala**, Project Coordinator
- **Prof.(Ms.) Kruti Dholakia**, Asst. Professor, Textile Design

### Co-ordinator and Faculty Members from NITTTR Bhopal

- **Prof. (Mrs.) Chanchal Mehra**, Associate Professor, Department of Vocational Education and Entrepreneurship Development