


**DIPLOMA IN APPAREL DESIGN AND FABRICATION TECHNOLOGY
FOURTH SEMESTER**

	Course Title: ADVANCED EMBELLISHMENT AND KNITTING		
	Credits (L:T:P) : 4:0:0	Total Contact Hours: 52	Course Code: 15FT42T
	Type of Course: Lectures, Self Study & Quiz	Credit :04 SEE- 100 Marks CIE- 25 Marks	Core/ Elective: Core

Prerequisites: Knowledge of Basic Needle work.

COURSE OBJECTIVES

1. To have the Knowledge of embellishments of different regions.
2. Grouping types of hand and machine embroidery stitches.
3. To create suitable design, for machine embroidery.
4. To know the Fancy designs of Knitting.
5. Understanding care and maintenances of different fabrics.

Course Outcomes		CL	Linked PO	Teaching hrs
CO1	Ability to use various regional embroidery stitches	U/A	1,2,3,4,7,8	12hrs
CO2	Create design for regional embroidery stitches	U/R/A	1,2,3,7,8,9	12hrs
CO3	To evaluate hand and machine embroidery stitches	U/R/A	1,2,,5,8,9,10	12hrs
CO4	Ability to estimate the cost of embroidered articles	U/R/A	2,3,5,6,8,9	4hrs
CO5	Apply suitable design for the construction of knitted garments	U/R/A	1,2,4,5,9,10	8hrs
CO6	To have the knowledge of laundering embellishment and knit wear	U/R/A	1,2,3,5,8	4hrs

COURSE-PO ATTAINMENT MATRIX

Course	Programme Outcomes									
	1	2	3	4	5	6	7	8	9	10
ADVANCED EMBELLISHMENT AND KNITTING	3	3	3	2	3	1	3	3	3	2

Level 3- Highly Addressed, Level 2-Moderately Addressed, Level 1-Low Addressed.

Method is to relate the level of PO with the number of hours devoted to the COs which address the given PO.

If $\geq 40\%$ of classroom sessions addressing a particular PO, it is considered that PO is addressed at Level 3

If 25 to 40% of classroom sessions addressing a particular PO, it is considered that PO is addressed at Level 2

If 5 to 25% of classroom sessions addressing a particular PO, it is considered that PO is addressed at Level 1

If $< 5\%$ of classroom sessions addressing a particular PO, it is considered that PO is considered not-addressed.

COURSE CONTENT AND BLUE PRINT OF MARKS FOR SEE

Unit No	Unit Name	Hour	Questions to be set for (5marks) PART - A			Questions to be set for (10marks) PART - B			Marks weightage (%)
			R	U	A	R	U	A	
1	Regional Embroidery-I	12hrs	1	-	1	-	1	1	23.07
2	Regional Embroidery-II	12hrs	1	-	1	-	1	1	23.07
3	Machine Embroidery	12hrs	1	1	-	1	-	1	23.07
4	Estimation and costing	4hrs	-	1	-	-	-	1	7.69
5	Knitting	8hrs	1	-	-	-	1	1	15.38
6	Laundry	4hrs	-	1	-	-	-	1	7.69
			09(45marks)			10(100 marks)			100
	TOTAL	52							

Legend: R; Remember, U: Understand A: Application

CONTENT

Unit	Major Topics	Hours Allotted
1	Regional Embroidery-I	12hrs
2	Regional Embroidery-II	12hrs
3	Machine Embroidery	12hrs
4	Estimation and costing	4hrs
5	Knitting	8hrs
6	Laundry	4hrs
9	Total	52hrs

UNIT 1

12hrs

REGIONAL EMBROIDERY-I

Study of stitches, working method, Design, suitable fabric, needle thread and color combination.

1.1 Kasuthi of Karnataka

1.2 Kutch of Gujarat

1.3 Pulkari of Punjab

1.4 Kantha of west Bengal

1.5 Chickankary of uttar Pradesh

UNIT II

12 hrs

REGIONAL EMBROIDERY-II

2.1 Kashmir embroidery

2.2 Tribal embroidery

2.3 Worli of Maharashtra

2.4 Aari work

UNIT III

12hrs

MACHINE EMBROIDERY

Study of stitches, working method, design, suitable fabric, needle and thread, color combination.

3.1 Appliqué Work-Plain, Net, felt

3.2 Cut work

3.3 Eyelet Work

3.4 Patch work-Block, Striped, Geometrical

3.5 Mirror, Sequence, bead, lace, bobbin Thread, Double needle

UNIT IV

4hrs

ESTIMATION AND COSTING

4.1 Kasuthi Saree

4.2 Kutch work kameez

4.3 kashmir embroidery middi top

4.4 Hand embroidered Table cloth

UNIT V

8hrs

KNITTING

5.1 Construction and working method of knitting Fancy pattern and cable patterns.

5.2 Fancy Pattern- Oblique open work, lace rib, Turkish stitch, striped forgo ting.

5.3 Cable Pattern- Simple Cable, coiled rope, honeycomb, lace and cable pattern.

5.4 Construction and working method of knitting muffler, Baby socks, cap, and sweater

UNIT VI

4hrs

LAUNDRY

6.1 Washing, Pressing and preserving of hand Embroidered Articles

6.2 washing, Pressing and preserving of machine embroidered articles

6.3 Washing, Pressing and Preserving of Hand knitted Articles

SEMINAR

Every student to select one of the following topics for the seminar.

1. Western embroidery
2. Regional embroidery
3. Khadi gram udyog
4. Boutique
5. Apparel industry embroidery sections

Indicative Reference:

1. Encyclopedia of Embroidery
2. Complete Guide to Embroidery
3. Embroidery Design
4. Creative Embroidery
5. Vandana Embroidery
6. Ethnic Embroidery
7. Needle Craft for the Home
8. Contemporary Encyclopedia Design

Related E reference

<https://www.youtube.com/watch?v=ezdS6DZFpHk>
<https://www.youtube.com/watch?v=CJSWYauXKZg>
<https://www.youtube.com/watch?v=Vo5vaPcwN4w>
<https://www.youtube.com/watch?v=OQLNm7CRvql>
<https://www.youtube.com/watch?v=6vAmmNbl88>

COURSE ASSESSMENT AND EVALUATION

	What		To Whom	Frequency	Max. Marks	Evidence Collected	Course Outcomes
<u>DIRECT ASSESSMENT</u>		IA Tests	Students	Three IA (Average marks of three IA tests are considered)	20	Blue Books	<u>1 to 5</u>
		Class room Assignments		Class room Assignments	05	Log of Activity	<u>1&2</u>
				TOTAL	25		

	SEE -SEMESTER END EXAMINATION	End Exam		End Of the Course	100	Answer Scripts	ALL CO's
INDIRECT ASSESSME	Student Feedback on course		Stude nts	Middle Of The Course	Feed Back Forms		
	End of Course Survey			End Of The Course	Questionnaire		ALL CO's

Note: I.A. test shall be conducted for 20 marks. Average marks of three tests shall be rounded off to the next higher digit.

Note to I A Verifier : The following documents to be verified by CIE verifier at the end of semester

1 Blue books

2 Student suggested activities report for 05 marks

3 student feedback on course regarding Effectiveness of Delivery of instructions and Assessment Methods.

• MODEL OF RUBRICS FOR ASSESSING STUDENT ACTIVITY

Dimension	Scale					Students Score				
	Unsatisfactory 1	Developing 2	Satisfactory 3	Good 4	Exemplary 5	1	2	3	4	5
1. Research & gather information	Does not collect any information relating to the topic	Collects very limited information; some relate to the topic	Collects some basic information; most refer to the topic	Collects a good information; all refer to the topic	Collects a excellent deal of information; all refer to the topic	Ex: 2				
2. Fulfil team's roles & duties	Does not collect any information relating to the topic	Collects very limited information; some relate to the topic	Collects some basic information; most refer to the topic	Collects a good information all refer to the topic	Collects a excellent deal of information; all refer to the topic	3				
3. Shares work equally	Does not collect any information relating to the topic	Collects very limited information; some relate to the topic	Collects some basic information; most refer to the topic	Collects a good information all refer to the topic	Collects a excellent deal of information; all refer to the topic	4				
4. Listen to other Team mates	Does not collect any information relating to the topic	Collects very limited information; some relate to the topic	Collects some basic information; most refer to the topic	Collects a good information; all refer to the topic	Collects a excellent deal of information; all refer to the topic	5				
Grand Average/Total=(2+3+4+5)=14/4=3.5=4						4				

Note: The above rubric is only an example. The concerned Course Coordinator may devise appropriate rubrics for the assigned activity.

MODEL QUESTION PAPER (CIE)

Test/Date and Time	Semester/year	Course/Course Code	Max Marks		
Ex: I test/6 th week of sem 10-11 a m	IV SEM	ADVANCED EMBELLISHMENT AND KNITTING	20		
	Year: 2015-16	Course code:15FT42T			
Name of Course coordinator :			Units:1,2 Co: 1,2		
Note: Answer all questions					
Question no	Question		CL	CO	PO
1	Define kasuti embroidery mention the stitches used in kasooti		A	1	1,2
2	Describe kanta of west Bengal		U	1	1,2
3	Draw a suitable design for Kashmir embroidery OR Explain the suitable stitches used in Tribal embroidery		A	2	1,2
4	Describe pulkari embroidery OR Explain Worli of maharashtra		R	2	1,2

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FOURTH SEMESTER
SUBJECT TITLE: ADVANCED EMBELLISHMENT AND KNITTING**

Model question paper

ANSWER ANY SIX QUESTIONS EACH QUESTION CARRIES FIVE MARKS

- 1 Define kasuti embroidery mention the stitches used in kasooti
- 2 Describe kanta of west Bengal
- 3 Describe worli of Maharashtra
- 4 Draw a suitable design for Kashmir embroidery
- 5 With a neat sketch explain geometrical patch work
- 6 Draw a suitable design for mirror works and colors it neatly
- 7 Estimate the cost of kutch work kameez
- 8 Explain the working method of cap
- 9 How do you wash knitted articles explain

ANSWER ANY SEVEN QUESTIONS. EACH QUESTION CARRIES TEN MARKS

- 1 Draw a suitable design for kanta embroidery write the working method with a neat sketch
- 2 Explain the suitable stitches used in Tribal embroidery
- 3 Draw a suitable design for appliqué work describe the working procedure by machine
- 4 Draw a suitable design for sequence and bead work explain the working procedure by machine
- 5 differentiate bobbin thread embroidery and double needle embroidery
- 6 Describe the working method of chicken kari with neat sketch

- 7 Write the construction of baby sweater
- 8 Explain fancy patterns
- 9 How do you estimate the cost price of embroidery and knitted articles
- 10 Describe the washing method of embroidery and knitted articles

QUESTION BANK PART-A

- 1 Explain with neat sketch Kasooti of karnataka
- 2 Explain with neat sketch kutch of gujarat
- 3 +
- 4 Explain with neat sketch kanta of west bengal
- 5 Explain with neat sketch chikankari of uttar Pradesh
- 6 Describe the selection of design for kanta and pulkhari
- 7 Describe the selection of design for kasooti and kutch
- 8 With neat sketch explain Tribal embroidey
- 9 Explain aari work

- 10 Describe the working method of Applique by machine
- 11 Describe the working method of cut work by machine
- 12 Describe the working method of Eyelet work by machine
- 13 Describe the working method of patch work by machine
- 14 Write the Construct of any two fancy knitting pattern
- 15 Write the construction of any two cable pattern
- 16 Estimate the cost of hand embroidered table cloth
- 17 Describe the method of preserving knitted articles
- 18 Describe the method of washing machine embroidered articles
- 19 Estimate the cost of kutch saree
- 20 Estimate the cost of Patch work for table cloth.

ANSWER ANY SIX QUESTIONS. EACH QUESTION CARRIES FIVE MARKS

PART-B

- 1 Draw a suitable design for kutch embroidery Describe the working method with neat sketch
- 2 Draw a suitable design for Kasooti embroidery Describe the working method with neat sketch
- 3 Draw a suitable design for Pulkhari embroidery Describe the working method with neat sketch
- 4 Draw a suitable design for chickenkari embroidery Describe the working method with neat sketch
- 5 Draw a suitable design for Kashmir embroidery Describe the working method with neat sketch
- 6 Draw a suitable design for tribal embroidery Describe the working method with neat sketch
- 7 Draw a suitable design for machine Applique work and write the procedure
- 8 Draw a suitable design for machine cut work and write the procedur

- 9 Draw a suitable design for machine patch work and write the procedure
- 10 Draw a suitable design for machine mirror work and write the procedure
- 11 Draw a suitable design for machine double needle work and write the procedure
- 12 Differentiate between appliqué and patch work
- 13 Differentiate between cut work and eyelet work
- 14 How do you prepare sewing machine for bobbin thread embroidery
- 15 Describe lace work and double needle embroidery by machine
- 16 Estimate the cost price of Kashmir embroidery mitti top
- 17 Describe the washing method of embroidered articles
- 18 Describe the washing and preserving of knitted articles
- 19 Write the construction of hand knitted muffler
- 20 Write the construction of baby sweater

QUESTION BANK PART -A

REMEMBER

- Describe the selection of design for kanta and pulkhari
- Describe the selection of design for kasooti and kutch
- With neat sketch explain Tribal embroidery
- Explain aari work
- Describe Regional hand embroidery stitches
- Estimate the cost of hand embroidered table cloth
- Describe the method of preserving knitted articles

UNDERSTAND

- Describe the selection of design for kanta and pulkhari
- Describe the selection of design for kasooti and kutch
- With neat sketch explain Tribal embroidery
- Describe the working method of Applique by machine
- Describe the working method of cut work by machine
- Write the construction of any two cable pattern
- Estimate the cost of hand embroidered table cloth
- Describe the method of preserving knitted articles

APPLICATION

- Describe the working method of Eyelet work by machine
- Describe the working method of patch work by machine
- Estimate the cost of hand embroidered table cloth
- Describe the method of preserving knitted articles
- Describe the method of washing machine embroidered articles
- Estimate the cost of kutch saree
- Estimate the cost of Patch work for table cloth.

QUESTION BANK PART-B

REMBER

Draw a suitable design for kasuthi work and mention the stitches
What is kanta embroidery explain in detail
How the pulkari differs from kantha explain in detail with neat sketch
Describe Applique work and patch work
Write the construction of any two cable pattern
Estimate the cost of hand embroidered table cloth

UNDERSTAND

Describe the method of preparing a sewing machine for bobbin thread embroidery
Differentiate Lace work and Applique work
Estimate the cost of sequence work Hand embroidered Saree
Describe the working method of Cable and Fancy pattern
Differentiate hand Knitting and hand embroidery
How do you wash and preserve embroidery and knitted articles
Describe lace work and double needle embroidery by machine
Estimate the cost price of Kashmir embroidery middi top
Describe the washing method of embroidered articles
Describe the washing and preserving of knitted articles
Write the construction of hand knitted muffler

APPLICATION

Draw a suitable design for kutch embroidery Describe the working method with neat sketch
Draw a suitable design for Kasooti embroidery Describe the working method with neat sketch
Draw a suitable design for Pulkhari embroidery Describe the working method with neat sketch
Draw a suitable design for chickenkari embroidery Describe the working method with neat sketch
Draw a suitable design for Kashmir embroidery Describe the working method with neat sketch

Draw a suitable design for tribal embroidery Describe the working method with neat sketch
Draw a suitable design for machine Applique work and write the procedure
Draw a suitable design for machine cut work and write the procedure
Draw a suitable design for machine patch work and write the procedure
Draw a suitable design for machine mirror work and write the procedure
Draw a suitable design for machine double needle work and write the procedure
Differentiate between appliqué and patch work
Describe lace work and double needle embroidery by machine
Write the construction of hand knitted muffler
write the construction of baby sweater