


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

	Course Title:- Advanced Embellishment and Knitting-IV PRACTICAL		
	Credits (L:T:P) : 0:2:4	Total Contact Hours: 78	Course Code: 15FT46P
	Type of Course: Tutorials & practical	Credit :03 SEE- 50 Marks CIE- 25 Marks	Core/ Elective: Core

Prerequisites: Knowledge of embroidery and knitting.

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.

At the end of the course the students should be able to:

Course Outcomes	
CO1	Ability of using various Regional stitches of embellishment.
CO2	To evaluate hand and machine embroidery stitches
CO3	Apply suitable design for the construction of knit garments.
CO4	Ability to create knitting patterns.
CO5	To have the knowledge of laundering embellishment and knit wear.

Mapping Course Outcomes with Program Outcomes:

CO –PO mapping

	Course Outcome	Experiment linked	PO Mapped	Cognitive Level	Lab Sessions
CO1	Ability of using various Regional stitches of embellishment	1,2,3,4	1,2,3,	R/U	10
CO2	To evaluate hand and machine embroidery stitches	3,4,5,6	1,2,4,6,8	U/A	18
CO3	Apply suitable design for the construction of knit garments.	4,5	1,3,4,5,9,10	U/A	16
CO4	Ability to create knitting patterns	2,3,4,5,6	3,4,7,8,9,10	R/U/A	16
CO5	To have the knowledge of laundering embellishment and knit wear.	2,3,4,5,6	3,5,8,9,10	R/U/A	12
Total Hours of instruction					78

U-Understanding; A-Analysis; App-Application

Course outcomes –Program outcomes mapping strength

Course	Programme Outcomes									
	1	2	3	4	5	6	7	8	9	10
Advanced Embellishment and Knitting-IV PRACTICAL	3	2	3	3	3	3	3	3	3	3

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.

CONTENT

Unit	Major Topics	Hours Allotted
1	Regional Embroideries-I	18hrs
2	Regional Embroideries-II	16hrs
3	Machine embroidery	18hrs
4	Knitting	26hrs
5	Mini Project	-
	TOTAL	78

UNIT 1

18 hrs

REGIONAL EMBROIDERIES-I

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

- 1.1 Kasuthi of Karnataka
- 1.2 Kutch of Gujarat
- 1.3 Pulkari of Punjab
- 1.4 Kantha of west Bengal
- 1.5 Chickenkari of uttar Pradesh

UNIT II

REGIONAL EMBROIDERIES-II

16 hrs

- 2.1 Kashmir embroidery
- 2.2 Tribal embroidery
- 2.3 Aari work

Prepare the swatches of above stitches 15*15 cms size

UNIT III

18 hrs

MACHINE EMBROIDERY

Knowledge and working method of Machine Embroidery works

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

3.1 Appliqué Work-Plain

3.2 Cut work

3.3 Eyelet Work

3.4 Patch work- Geometrical

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

Prepare the swatches of above stitches 15*15 cms size

UNIT IV

26 hrs

KNITTING

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

5.2 Fancy Pattern-02

5.3 Cable Pattern-02

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

Mini project(any two)

Hand embroidered midi top/kurtha

Innovative patterns in knitting

Derivation of new techniques using embellishment

Wall Hanging with machine embroidery

Hand kerchief with Shadow work.

COURSE ASSESSMENT AND EVALUATION

	What		To Whom	Frequency	Max. Marks	Evidence Collected	Course Outcomes
DIRECT ASSESSMENT	CIE- Continuous Internal Evaluation	I A Tests	Students	Two IA (Average marks of two IA tests are considered)	10	Blue Books	<u>1 to 5</u>
				Record (Average marks of each exercise to be computed)	10	Record Book	
		Class room Assign ments		Class room Assignment s	05	Log of Activity	<u>1&2</u>
				TOTAL	25		

	SEE -SEMESTER END EXAMINATION	End Exam		End Of the Course	50	Answer Scripts	ALL CO's
INDIRECT ASSESSMENT	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

*CIE – Continuous Internal Evaluation

*SEE – Semester End Examination

Note:

1. I.A. test shall be conducted as per SEE scheme of valuation. However obtained marks shall be reduced to 10 marks. Average marks of two tests shall be rounded off to the next higher digit.
2. Rubrics to be devised appropriately by the concerned faculty to assess Student activities.

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.

FOURTH SEMESTER Advanced Embellishment and Knitting-IV PRACTICAL

Scheme of Evaluation

Time:- 3 hours	Marks: -50
Qno 1 Prepare a swatch of kasooti	15
Qno 2 prepare a swatch of machine embroidered appliqué work	15
Q no3 cost on 30 stitches and knit cable pattern	20
Total	50

LIST OF TOOLS, MACHINARIES AND EQUIPMENT

SL.NO	PARTICULARS	QUANTITY
1	Power operated embroidery machines	30
2	Knee operated embroidery machines	30
3	Glass Tracing Board	06

