


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

	Course Title: BASIC EMBLISHMENT AND KNITTING PRACTICAL		
	Credits (L:T:P) : 0:2:4	Total Contact Hours: 78	Course Code: 15FT36P
	Type of Course: Tutorials & practical	Credit :03 SEE- 50 Marks CIE- 25 Marks	Core/ Elective: Core

Prerequisites: Knowledge of Needle Work.

COURSE OBJECTIVES

1. To know the usage of tools in art of embellishment.
2. To understand the working method of different hand and machine embroidery stitches.
3. Converting the designs.
4. Create new patterns in knitting.
5. Understanding the fabric compatibility for embellishment.

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

Course Outcomes	
CO1	Ability to use different tools used in art of embellishment.
CO2	Application of different hand and machine stitches.
CO3	Apply the knowledge of appropriate designs on fabric surfaces.
CO4	Creating and developing new designs.
CO5	Ability to use new patterns in Knitting.

Mapping Course Outcomes with Program Outcomes:

CO –PO mapping

	Course Outcome	Experiment linked	PO Mapped	Cognitive Level	Lab Sessions
CO1	Ability to use different tools used in art of embellishment.	1,2,3	1,2,3,4	R/U	10
CO2	Application of different hand and machine stitches.	1,2	1,2,4,6,8	U/A	18
CO3	Apply the knowledge of appropriate designs on fabric surfaces.	1,2,3	1,3,4,5,9,10	U/A	16
CO4	Creating and developing new designs.	1,2,3	3,4,7,8,9,10	R/U/A	16
CO5	Ability to use new patterns in Knitting	3	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
BASIC EMBLISHMENT AND KNITTING PRACTICAL	3	2	3	3	2	3	1	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.

Unit	Major Topics	Hours Allotted
1	HAND EMBROIDERY STITCHES	24hrs
2	MACHINE EMBROIDERY STITCHES	28hrs
3	BASIC STITCHES	26hrs
	MINI PROJECT	-
	TOTAL	78hrs

**UNIT I
HAND EMBROIDERY STITCHES**

24hrs

Knowledge and Practice of the following Hand Embroidery Stitches with dimension of 15cms x 15cms

- 1.1 Line stitch group-Running, Back, stem
- 1.2 Chain stitch group- Simple Chain , Laizy-Daisy
- 1.3 Knot stitch group- Bullion,French, Double.
- 1.4 Flat Stitch group-Satin,Long short,Herring bone
- 1.5 Loop stitch group- buton hole,Round
- 1.6 Composite stitch group- WhippedRunning,Pekinese

UNIT II

28hrs

Knowledge and practice of following Machine Embroidery Stitches with dimension of 15cms x 15cms

- 2.1 Running Stitch, Round, zig –zag
- 2.2 Cording Stitch, Stem stitch
- 2.3 Satin-Long and short

UNIT III

22 hrs

BASIC STITCHES

- 3.1 Casting on, working method of Knit and purl stitch, Casting off.
- 3.2 Knowledge of Basic patterns with construction-Stockinet, Garter, Rib, Moss, Eyelet.
- 3.3 Knowledge of increasing and decreasing the stitches.

MINI PROJECT

Hand embroidered cushion cover

Machine embroidered hand bag
Hand knitted mobile pouch/phone mat

COURSE ASSESSMENT AND EVALUATION

	What		To Whom	Frequency	Max. Marks	Evidence Collected	Course Outcomes
<u>DIRECT ASSESSMENT</u>	CIE- Continuous Internal Evaluation	I A Tests	Stu- de- nts	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 Assign- ments	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
<u>INDIRECT ASSESSMENT</u>	Student Feedback on course		Stu- de- 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.

Question for CIE and SEE will be designed to evaluate the various educational components

Such as

Remembering and understanding	: 25% weight age
Applying the knowledge acquired from the course	: 25% weight age
Analysis	: 10% weight age
Evaluation	: 25% weight age
Creating new knowledge	:15% weight age

THIRD Semester
BASIC EMBLISHMENT AND KNITTING PRACTICAL
Scheme of Evaluation

Time:- 3 hours

Marks: -50

Q NO 1 Trace the given design and embroider it using hand and machine embroidery stitches'	30
Q no2 Cast on 20 stitches and knit garter pattern and single rib pattern about 6 cms	20
Total	50

LIST OF TOOLS, MACHINARIES AND EQUIPMENT

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