


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

	<b>Course Title: PATTERN AND APPAREL CONSTRUCTION-III PRACTICAL</b>		
	<b>Credits (L:T:P) : 0:2:4</b>	<b>Total Contact Hours: 78</b>	<b>Course Code: 15FT35P</b>
	<b>Type of Course: Tutorials &amp; practical</b>	<b>Credit :03 SEE- 50 Marks CIE- 25 Marks</b>	<b>Core/ Elective: Core</b>

**Prerequisites: Knowledge of basic Pattern and Apparel construction.**

**COURSE OBJECTIVES**

- 1. To take direct measurements and their application in pattern and garment construction**
- 2. To apply the garment construction in pattern making and fabric cutting**
- 3. To understand the methodology of assembling of garment components**
- 4. Create different labels and attach to the garment**
- 5. To Know the techniques of pressing.**

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

<b>Course Outcomes</b>	
<b>CO1</b>	Ability to apply different measurements
<b>CO2</b>	Creating new patterns and its application in patternmaking and garment construction
<b>CO3</b>	Evaluating the garment assembly methodology
<b>CO4</b>	Ability to use different types of labels
<b>CO5</b>	Evaluate and apply pressing techniques.

## Mapping Course Outcomes with Program Outcomes:

### CO –PO mapping

	Course Outcome	Experiment linked	PO Mapped	Cognitive Level	Lab Sessions
<b>CO1</b>	Ability to apply different measurements	1,3,4	1,2,3,4,7	R/A	10
<b>CO2</b>	Creating new patterns and its application in patternmaking and garment construction	2,3,4	1,2,4,6,8,10	R/A	23
<b>CO3</b>	Evaluating the garment assembly methodology	2,3,4	1,3,4,5,9,10	U/A	23
<b>CO4</b>	Ability to use different types of labels	2,3,4	3,4,7,8,9,10	R/U/A	06
<b>CO5</b>	Evaluate and apply pressing techniques	1,2,3,4	3,5,8,9,10	R/U/A	06
<b>Total Hours of instruction</b>					<b>78</b>

### 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
<b>PATTERN AND APPAREL CONSTRUCTION-III PRACTICAL</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>

**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.

## CONTENTS

Unit	Major Topics	Hours Allotted
1	<b>Shrinking</b>	<b>6hrs</b>
2	<b>Patching and Mending</b>	<b>8hrs</b>
3	<b>Above Waist Garments</b>	<b>32hrs</b>
4	<b>Below Waist Garments</b>	<b>32hrs</b>
	<b>TOTAL</b>	<b>78</b>

### UNIT 1

**6 hrs**

#### SHRINKING

- 1.1 Knowledge and practice of shrinking the following fabrics
- 1.2 White and colour cotton fabric
- 1.3 Khadhi material
- 1.4 Khakhi and drill

### UNIT 2

**8 hrs**

#### PATCHING AND MENDING

- 2.1 Patching a torned area
- 2.2 Practice of hand mending
- 2.3 Practice of Machine Mending

### UNIT 3

**32 hrs**

#### Above Waist Garments

Detail study of measurements, Draw a 61/2 head croque, sketch design, suitable Materials, Components, Trimmings Preparation of Paper Pattern and Apparel construction of the following garments:

- 3.1 Baba suit
- 3.2 Tie collar shirt with two patch pockets, flap, round bottom
- 3.3 Nehru shirt with neckband
- 3.4 Waist coat

### UNIT 4

**32 hrs**

#### Below Waist Garments

- 4.1 Pyjama with fly and flycatch
- 4.2 Pleated shorts
- 4.3 Pleatless shorts
- 4.4 Bermuda

### Mini Project

Fashionable Tie collar and Open collar Shirt

Note: Folder to be maintained for the end exam

### COURSE ASSESSMENT AND EVALUATION

	What		To Whom	Frequency	Max. Marks	Evidence Collected	Course Outcomes
<b><u>DIRECT ASSESSMENT</u></b>	<b>CIE- Continuous Internal Evaluation</b>	<b>I A Tests</b>	<b>Students</b>	<b>Two IA (Average marks of two IA tests are considered)</b>	<b>10</b>	<b>Blue Books</b>	<b><u>1 to 5</u></b>
				<b>Record (Average marks of each exercise to be computed)</b>	<b>10</b>	<b>Record Book</b>	
		<b>Class room Assign ments</b>		<b>05</b>	<b>Log of Activity</b>	<b><u>1&amp;2</u></b>	
				<b>TOTAL</b>	<b>25</b>		
	<b>SEE -SEMESTER END EXAMINATION</b>	<b>End Exam</b>		<b>End Of the Course</b>	<b>50</b>	<b>Answer Scripts</b>	<b>ALL CO's</b>
<b><u>INDIRECT ASSESSMENT</u></b>	<b>Student Feedback on course</b>		<b>Students</b>	<b>Middle Of The Course</b>	<b>Feed Back Forms</b>		
	<b>End of Course Survey</b>			<b>End Of The Course</b>	<b>Questionnaire</b>		<b>ALL CO's</b>

\*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.**

### **Model Question**

Q NO 1 Draft cut stitch and finish a Pleated Shorts for the given measurements and Style feature

By Indirect method

Measurements

Full length= 30cms

Leg length = 10 cms

Seat = 52cms

Waist= 54cms

Style feature—Single peat, fly and flycatch, two side pockets

### **THIRD Semester**

#### **PATTERN AND APPAREL CONSTRUCTION- III PRACTICAL**

#### **Scheme of Evaluation**

**Time:- 3 hours**

**Marks: -50**

**Constructing paper pattern**

**10 marks**

**Laying pattern and cutting**

**05 marks**

**Stitching**

**25 marks**

**Finishing, pressing, label**

**10 marks**

**Total**

**50 marks**

#### **LIST OF TOOLS, MACHINARIES AND EQUIPMENT**

<b>SL.NO</b>	<b>PARTICULARS</b>	<b>QUANTITY</b>
<b>1</b>	<b>Plastic / Metal L Square</b>	<b>24</b>
<b>2</b>	<b>Plastic French curve with Shaper</b>	<b>24</b>
<b>3</b>	<b>Display Board, Flipchart Board</b>	<b>04</b>
<b>4</b>	<b>Power operated sewing machine</b>	<b>30</b>
<b>5</b>	<b>Over lock sewing machine</b>	<b>06</b>

<b>6</b>	<b>Button and button hole</b>	<b>1 Each</b>
<b>7</b>	<b>Industrial steam iron box with table</b>	<b>6 each</b>
<b>8</b>	<b>Full size mirror</b>	<b>2</b>
<b>9</b>	<b>Mannequins and dress forms</b>	<b>6</b>