


**Government of Karnataka**  
**Department of Technical Education**  
**Board of Technical Examinations, Bangalore**  
**DIPLOMA IN APPAREL DESIGN AND FABRICATION TECHNOLOGY**  
**FIFTH SEMESTER**

	<b>Course Title: PATTERN ILLUSTRATION -V</b>		
	<b>Credits (L:T:P) : 4:0:0</b>	<b>Total Contact Hours:52</b>	<b>Course Code: 15FT51T</b>
	<b>Type of Course: Lectures, Self Study &amp; Quiz</b>	<b>Credit :04 SEE- 100 Marks CIE- 25 Marks</b>	<b>Core/ Elective: Core</b>

**Prerequisites: Knowledge of Basic Pattern Illustration.**

**COURSE OBJECTIVES**

1. Evaluate various fabric swatches.
2. Create different styles lines.
3. Analyze garment construction.
4. Calculate the fabric requirement.
5. Develop basic blocks

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

Course Outcomes		CL	Linked PO	Teaching hrs
CO1	Design various men's garments	U/A	1,2,4,5,7,8,9,10	12
CO2	Develop new styles according to the latest trends	U/R/A	1,2,4,5,7,8,9,10	12
CO3	Estimate the fabric requirement	U/R/A	3,4,5,6,7,8,9,10	08
CO4	Find errors in the garment and rectify	U/R/A	2,4,5,8,9,10	04
CO5	Understand dress form and adopt various measurements on it.	U/R/A	1,2,4,5,8,9,10	04
CO6	Develop basic blocks	U/R/A	1,4,5,7,10	12

**COURSE-PO ATTAINMENT MATRIX**

Course	Programme Outcomes									
	1	2	3	4	5	6	7	8	9	10
PATTERN ILLUSTRATION -V	3	3	1	3	3	1	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.

**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	Study of Garments	12	-	1	1	-	1	1	23.07
2	Study of Garments	12	-	1	1	-	1	1	23.07
3	Layout & Estimation	08	-	-	1	1	-	1	15.38
4	Defects & Remedies	04	-	-	1	-	-	1	7.69
5	Model Form & Measurements	04	-	1	-	-	-	1	7.69
6	Basic Pattern	12	1	-	1	-	1	1	23.07
			09(45marks)			10(100 marks)			100
	<b>TOTAL</b>	<b>52</b>							

**CONTENTS**

Unit	Major Topics	Hours Allotted
1	STUDY OF GARMENTS	12
2	STUDY OF GARMENTS	12
3	LAYOUT & ESTIMATION	08
4	DEFECTS & REMEDIES	04
5	MODEL FORM & MEASUREMENTS	04
6	BASIC PATTERN	12
	<b>TOTAL</b>	<b>52 hrs</b>

**UNIT -I**  
**STUDY OF GARMENTS**

**12 hrs**

Detailed Study Of Men's Garment, Required Measurements, Style Feature, Suitable Fabrics, Trimming Materials, And Cost Estimation.

- 1.1 Formal Wear - Tie Collar Full Open Full Arm Shirt
- 1.2 Formal Wear - Close Collar Coat
- 1.2 Festive Wear - Jodhpur Sherwani
- 1.3 Uniforms - Medical Apron

**UNIT -II**  
**STUDY OF GARMENTS**

**12hrs**

Detailed Study Of Men's Garment, Required Measurements, Style Feature, Suitable Fabrics, Trimmings Materials, And Cost Estimation.

- 2.1 Formal Wear - Pleated Trousers
- 2.2 Formal Wear - Single Breasted coat
- 2.4 Formal Wear - Double Breasted Coat
- 2.2 Festive wear - Fashionable Surwar

**UNIT -III**  
**LAYOUT & ESTIMATION**

**8 hrs**

- 3.1 Layout & Estimation of garments listed under unit I & II
- 3.2 Prepare lay patterns of the above garments – Single, Double and Multiple pick lay.

**UNIT -IV**  
**QUALITY CHECKS - DEFECTS & REMEDIES**

**4 hrs**

- 4.1 Shirts – Creases below the collar, Tightness at scye Tightness at waist, diagonal creases from neck to scye
- 4.2 Trousers – Roping along seat seam, Diagonal creases from fork to side seam, Fullness under the seat, vertical folds at fork.

**UNIT - V**  
**MODEL FORM & MEASUREMENTS**

**4 hrs**

- 5.1 Study of dress forms used in pattern making
- 5.2 Measurements – Method of measuring vertical, horizontal, circular and strap measurement.
- 5.3 Points of Measurements (POM) - Study of standard measurements on Dress form, Direct measurements on Person, Measurements on Garment

**UNIT - VI**  
**BASIC PATTERN**

**12 hrs**

- 6.1 Study of the following basic block patterns – Formal Shirt -Front, Back, Yoke, Full Sleeves.
- 6.2 Study of the following basic block patterns – Formal Trousers – Front, Back, Waist Band

## TEST

## SEMINAR

Each student to select one of the following topics for the seminar (no group should repeat topic)

1. E-Fitting
2. E-Scanner
3. Dress Forms
4. Mannequins
5. Marker Planning
6. Check measurements for Coats
7. Alterations
8. Trial and Fitting
9. Lays

### Indicative Reference:

1. Clothing Appearance And Fit - By Fanj, Yu Wand Hunterl
2. Sizing In Clothing –By Ashdown S.P
3. Pattern Making For Fashion Design-By Helen Joshep, Armstrong
4. Metric Pattern Cutting For Men’s Wear-Byblack Well Publication
5. Pattern Making And Making Up –The Professional Approach-By Marten Shoben
6. Dress Fitting-By Natalie Bray Black Well Science Publication
7. Dress Pattern Designing - By Natalie Bray Black Well Science Publication

### Related e –References

- [https://en.wikipedia.org/wiki/Pattern\\_\(sewing\)](https://en.wikipedia.org/wiki/Pattern_(sewing))
- <https://www.pinterest.com/explore/pattern-making/>
- <http://isntthatsew.org/pattern-making-101/>
- <http://www.fibre2fashion.com/industry-article/5658/basics-of-pattern-making>
- <http://howdidiyoumakethis.com/basic-tools-for-apparel-patternmaking/>
- [https://en.wikipedia.org/wiki/Pattern\\_\(sewing\)](https://en.wikipedia.org/wiki/Pattern_(sewing))
- <http://www.craftsy.com/blog/2014/08/how-to-make-a-dress-pattern/>
- <http://www.clothingpatterns101.com/pattern-block.html>
- <http://www.clothingpatterns101.com/>
- <http://thecuttingclass.com/post/92055360443/draping-and-mouflage>
- <https://www.pinterest.com/pin/164240717637374358/>
- <http://fabrickated.com/2015/11/20/draping-versus-flat-pattern-cutting-where-do-you-stand/>

## COURSE ASSESSMENT AND EVALUATION

	What		To Whom	Frequency	Max. Marks	Evidence Collected	Course Outcomes
<b>DIRECT ASSESSMENT</b>		<b>IA Tests</b>	<b>Students</b>	<b>Three IA (Average marks of three IA tests are considered)</b>	<b>20</b>	<b>Blue Books</b>	<b>1 to 6</b>
		<b>Class room Assignments</b>		<b>Class room Assignments</b>	<b>05</b>	<b>Log of Activity</b>	<b>1 to 6</b>
				<b>TOTAL</b>	<b>25</b>		
	<b>SEE -SEMESTER END EXAMINATION</b>	<b>End Exam</b>		<b>End Of the Course</b>	<b>100</b>	<b>Answer Scripts</b>	<b>ALL CO's</b>
<b>INDIRECT ASSESSMENT</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>

**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 IA verifier:** The following documents to be verified by CIE verifier at the end of semester

1. Blue books ( 20 marks)
2. Student suggested activities report for 5 marks evaluated through appropriate rubrics.
3. Student feedback on course regarding Effectiveness of Delivery of instructions & Assessment Methods

## MODEL OF RUBRICS FOR ASSESSING STUDENT ACTIVITY

Dimension	Scale					Students Score				
	Needs Improvement 1	Developing 2	Satisfactory 3	Good 4	Exemplary 5	1	2	3	4	5
<b>1.Research &amp; gather information</b>	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				
<b>2.Fulfil team's roles &amp; duties</b>	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				
<b>3.Shares work equally</b>	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				
<b>4.Listen to other Team mates</b>	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				
<b>Grand Average/Total=(2+3+4+5)=14/4=3.5=4</b>						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	
I test/6 <sup>th</sup> week 10-11 a m	V SEM	PATTERN ILLUSTRATION -V	20	
	Year: 2016-17	Course code:15FT51T		
Name of Course coordinator :		Units:1,2 Co: 1,2		
<b>Note: Answer all questions</b>				
Q. no	Question	CL	CO	PO
1	List the measurements required for Medical Apron	R/A	1	1,2,4,5,7,8,9,10
2	Draft the front & back part of Tie collar shirt	U/A	1	1,2,4,5,7,8,9,10
	OR			
	Draft the back part of close collar coat.	U/A	1	1,2,4,5,7,8,9,10
3	Draw the style feature of Double Breasted Coat	A/C	2	1,2,4,5,7,8,9,10
	OR			
4	What are the measurements required for Single Breasted coat & explain the method of taking it.	U/A	2	1,2,4,5,7,8,9,10
	Design a fashionable surwar and colour it	A/C	2	1,2,4,5,7,8,9,10

### DIPLOMA IN APPAREL DESIGN AND FABRICATION TECHNOLOGY

**FIFTH SEMESTER**  
**SUBJECT TITLE: PATTERN ILLUSTRATION -V**

**QUESTION BANK**  
**PART-A**

Q.NO	DESCRIPTION	CL	CO'S
1	Describe the method of measuring a Tie Collar Shirt	A	1
2	Estimate the cost of a Close collar coat	A	1
3	Enlist the measurements required for a Double Breasted coat and explain	R/A	2
4	Construct a Fashionable surwar	R/A	2
5	Describe lays used in pattern making	A	3
6	Identify any two shirt defects and find out the remedies	U/A	4
7	How do you rectify the following defects 1. Diagonal creases from fork to side seam    2. Vertical folds at fork	R/A	4
8	Describe Dress forms	A	5
9	Prepare a standard measurement chart	R	5
10	Explain the method of taking strap measurement.	A	5
11	Prepare the basic block of front bodice	R	6
12	Illustrate the basic block of trousers and explain	A	6

**PART-B**

Q.NO	DESCRIPTION	CL	CO'S
1	Construct a Tie collar Shirt for the given size	A	1
2	Construct a close collar coat for the given size	A	1
3	Construct a Pleated Trousers for the given Size	A	2
4	Construct a Double Breasted coat for the given size	A	2
5	Draw the Layout of Medical Apron and write the estimation	A	3
6	Draw the Layout of Double Breasted Coat for the given size	R/A	3
7	Identify the following defects, write the causes and remedies	R/A	4
8	Identify the common defects arises in a shirt and explain the remedies with a neat sketch	R/A	4
9	With a neat sketch explain the method of taking vertical measurements over a dress form	A	5
10	Draw a neat sketch of Dress form and write the land marks	R/A	5
11	Construct the Basic bodice block for a formal shirt	A	6
12	Construct the basic trousers block with waist band.	A	6

**MODEL QUESTION PAPER  
PART-A**

**ANSWER ANY SIX QUESTIONS, EACH QUESTION CARRIES FIVE MARKS**

<b>Q.NO</b>	<b>DESCRIPTION</b>	<b>CL</b>	<b>CO'S</b>
1	Describe the method of measuring a Tie Collar Shirt	A	1
2	Estimate the cost of a Close collar coat	U/A	1
3	Enlist the measurements required for a Double Breasted coat and explain	R/A	2
4	Construct a Fashionable surwar	A	2
5	Describe lays used in pattern making	A	3
6	Identify any two shirt defects and find out the remedies	R/A	4
7	Describe Dress forms	A	5
8	Construct the basic block of front bodice	A	6
9	Illustrate the basic Trousers block and explain	A	6

**PART-B**

**ANSWER ANY SEVEN QUESTIONS, EACH QUESTION CARRIES TEN MARKS**

<b>Q.NO</b>	<b>DESCRIPTION</b>	<b>CL</b>	<b>CO'S</b>
1	Construct a Tie collar Shirt for the given size	A	1
2	Construct a close collar coat for the given size	A	1
3	Construct a Pleated Trousers for the given Size	A	2
4	Construct a Double Breasted coat for the given size	A	2
5	Draw the Layout of Medical Apron and write the estimation	R/A	3
6	Draw the Layout of Double Breasted Coat for the given size	R/A	3
7	Identify the following defects, write the causes and remedies	A	4
8	Explain the method of taking vertical measurements over a dress for with neat sketch	A	5
9	Construct the Basic bodice block for a formal shirt	A	6
10	Construct the basic Trousers block with waist belt	A	6