


Government of Karnataka
Department of Technical Education
Board of Technical Examinations
DIPLOMA IN APPAREL DESIGN AND FABRICATION TECHNOLOGY
SCHEME OF STUDY AND EXAMINATION

With Effect from (2015 - 16) FOURTH SEMESTER

Sl. No	Course Code	Name of the Course	Contact Hours/Week					Exam Paper Duration in Hrs	Examination Scheme			End Exam	Min Marks for Passing (Including IA Marks)	
			Theory Hours	Tutorial	Practical	Total	Credit		Max Marks	Min Marks	I.A. Marks			
THEORY														
1	15FT41T	PATTERN ILLUSTRATION-IV	4	-	-	4	4	3	100	35	25	125	45	
2	15FT42T	ADVANCED EMBELLISHMENT AND KNITTING	4	-	-	4	4	3	100	35	25	125	45	
3	15FT43T	FABRIC TEXTURE	4	-	-	4	4	3	100	35	25	125	45	
4	15FT44T	PROFESSIONAL ETHICS & INDIAN CONSTITUTION	4	-	-	4	4	3	100	35	25	125	45	
PRACTICAL														
5	15FT45P	PATTERN AND APPAREL CONSTRUCTION LAB	-	2	4	6	3	3	50	25	25	75	35	
6	15FT46P	ADVANCED EMBELLISHMENT AND KNITTING LAB	-	2	4	6	3	3	50	25	25	75	35	
7	15FT47P	FABRIC TEXTURE LAB	-	2	4	6	3	4	50	25	25	75	35	
TOTAL			16	6	12	34	25		550	215	175	725	285	

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

	Course Title: PATTERN ILLUSTRATION-IV (LADIES GARMENTS)		
	Credits (L:T:P) : 4:0:0	Total Contact Hours:52	Course Code: 15FT41T
Type of Course: Lectures, Self Study & Quiz	Credit :04 SEE- 100 Marks CIE- 25 Marks	Core/ Elective: Core	

Prerequisites: Knowledge of Basic Pattern Illustration.

COURSE OBJECTIVES

1. To know how to take direct measurements.
2. To understand the different types of textile fabrics.
3. To apply different Technical Terms.
4. To study the construction of ladies wear.
5. To attain the knowledge of Lay out and estimation.

Course Outcomes		CL	Linked PO	Teaching hrs
CO1	Utilization of paper patterns	U/A	1,2,5,8	4 hrs
CO2	Ability to use different measurements according to size and pattern	U/R/A	1,2,3,4,7,8	4hrs
CO3	Knowledge of technical terms	U/R/A	1,2,7 ,9,	4hrs
CO4	Application of mending	U/R/A	1,2,4,7,8,10	4hrs
CO5	Understanding construction of various ladies garments and related components	U/R/A	3,4,6,7,8,9,10	24 hrs
CO6	Analyze and apply layout and estimation for various garments	U/R/A	3,4,6,7,8,9,10	12 hrs

COURSE-PO ATTAINMENT MATRIX

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

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	Patterns	4 hrs	1	-	1	-	1	1	7.69
2	Measurements	4hrs	-	-	1	-	1	1	7.69
3	Technical terms	4hrs	-	1	-	-	-	1	7.69
4	Darning and patching	4hrs	-	1	1	1	-	1	7.69
5	Study of garments	24 hrs	1	-	-	-	1	1	46.15
6	Layout and estimation	12 hrs	1	1	-	-	-	1	23.07
			09(45marks)			10(100 marks)			100
	TOTAL	52							

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

CONTENT

Unit	Major Topics	Hours Allotted
1	Patterns	4 hrs
2	Measurements	4hrs
3	Technical terms	4hrs
4	Darning and patching	4hrs
5	Study of garments	24 hrs
6	Layout and estimation	12 hrs
	Total	52hrs

UNIT I

PATTERNS

4HRS

1.1 Paper pattern: Construction of paper pattern, study of paper patterns used in custom made garments and mass production, importance of patterns in fashion industry.

1.2 UNIT II

MEASUREMENTS

4HRS

2.1 Measurements-measurements required for ladies garments, study of direct and indirect measurements, method of measuring for above waist garments and below waist garments.

UNIT III

TECHNICAL TERMS

4HRS

3.1 Technical terms-allowance, arrowhead, tuck casing, cord piping, crease, drape, ease, flounce, gathering, gore, gusset, invisible stitch, layout, pivot, pre shrink, ravel, scallop, top stitching, trim, vent, princess line

UNIT IV

DARNING AND PATCHING

4HRS

4.1 knowledge of darning
4.2 knowledge of patching by hand and machine
4.3 Reinforcement and Remodeling

4.4 Defects and remedies – Tightness at scye, Creases from neck to scye, Shoulders dropping, folds on sleeves.

UNIT V STUDY OF GARMENTS

24 HRS

Detail study of Ladies garments, Draw 91/2 head croque and sketch, design and color the below garments, measurements, , components and Trimming materials .

5.1 Six piece petticoat—waist band, side placket ,frills at bottom

5.2 Circular midi skirt –waist band, peaco edge at hem line,

5.3 Wrap around skirt—Waist band , bottom lace

5.4 Semi katori choli— french belt, front and back round neck, back open ,puff sleeves, piping at neck

5.5Katori choli-french belt ,double piece, front open, 3/4 sleeve, fashionable neck line,

5.6 Kameez with Salwar

5.7 Fashionable kameez with surwar

5.8 Shawl collar nighty

5.9 Ladies top-Yoke, collar, novelty cuff.

UNIT VI Estimation

12HRS

6.1 Lay out and estimation of garments listed under unit 5

6.2 prepare lay pattern of garments listed under unit 5

Single pick lay, double pick lay, Multiple pick lay

SEMINAR

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

1. Measurements
2. Labels
3. Specification sheet
4. Latest trends
5. Emerging fashion

Indicative Reference:

1. Dress making—Smt thangam Subramaniam,Bombay tailoring and embroidery college,32 north park street ,ambattur ,Chennai
2. Easy cutting-Juvekar,commercial Tailors
3. Practical clothing construction-part-I part II ,mary Mathews,cosmic press Chennai
4. The complete book of sewing-Dorling Kindersley limited ,London

5. Zarafakar system of Cutting- Zarafkar
6. Web Search- WIKIPEDIA

Related e -References

<https://www.youtube.com/watch?v=S4lhDwFxdtk>
<https://www.youtube.com/watch?v=EdJSUd71CdI>
<https://www.youtube.com/watch?v=U68FvwHaOoE>
<https://www.youtube.com/watch?v=EZfb6Rpq3yc>
<https://www.youtube.com/watch?v=LRPne5Qa04g>
<https://www.youtube.com/watch?v=Oc3jOfpgvOU>

COURSE ASSESSMENT AND EVALUATION

	What	To Who m	Frequency	Max. Marks	Evidence Collected	Course Outcomes
--	------	----------------	-----------	------------	-----------------------	--------------------

DIRECT ASSESSMENT		I A 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 ASSESSMENT	Student Feedback on course		Students	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 weak of sem 10-11 a m	IV SEM	PATTERN ILLUSTRATION -1V(L G)	20		
	Year: 2015-16	Course code:15FT41T			
Name of Course coordinator :		Units:1,2 Co: 1,2			
Note: Answer all questions					
Question no	Question	CL	CO	PO	
1	Define paper pattern.List out types of paper pattern	A	1	1,2	
2	Describe the principles of paper pattern	U	1	1,2	
3	How do you take measurements for above waist garments OR How do you take measurements for below waist garments	A	2	1,2	
4	Explain any two types of paper pattern OR Write the importance of measurements and explain direct and indirect measurements	R	2	1,2	

DIPLOMA IN APPAREL DESIGN AND FABRICATION TECHNOLOGY
FOURTH SEMESTER
SUBJECT TITLE: PATTERN ILLUSTRATION IV LADIES GARMENTS
MODEL QUESTION PAPER

PART-A

- 1 Define paper pattern. List out types of paper pattern
- 2 Describe the principles of paper pattern
- 3 Explain any two types of paper pattern
- 4 Explain direct measurements
- 5 Explain indirect measurements
- 6 Describe the principles of paper pattern
- 7 How do you take measurements for below waist garments
- 8 Explain any two technical terms with neat sketch
- 9 Describe drape and flounce
- 10 Define darning and write the working method
- 11 How do you attach patch by hand sewing explain
- 12 What is meant by reinforcement give example
- 13 List out the common defects occurred in ladies garments
- 14 How do you rectify the given defect explain with neat sketch
Tightness at scye
- 15 Differentiate between Semi katori and katori blouse
- 16 Differentiate between salwar and survar
- 17 Differentiate between circular skirt and wrap around skirt
- 18 List out the trimming materials and components require for a shawl collar nighty
- 19 Draw the style feature of circular midi skirt color it neatly
- 20 How do you select fabrics for Ladies top

ANSWER ANY SIX QUESTIONS. EACH QUESTION CARRIES FIVE MARKS

PART-B

- 1 Draft a six piece skirt for the given size and specification
- 2 Draft a circular midi skirt for the given size and specification
- 3 Draft a Wrap around skirt for the given size and specification
- 4 Draft a semi katori choli for the given size and specification
- 5 Draft a katori choli for the given size and specification
- 6 Draft a salwar and kameez for the given size and specification
- 7 Draft a fashionable kameez with survar for the given size and specification
- 8 Draft a shawl collar nighty for the given size and specification
- 9 Draft a ladies top for the given size and specification
- 10 Draw the layout of six piece skirt for the given size and estimate the fabric
- 11 Draw the layout of circular midi skirt for the given size and estimate the fabric

- 12 Draw the layout of Wrap around skirt for the given size and estimate the fabric required
- 13 Draw the layout of semi katori choli for the given size and estimate the fabric
- 14 Draw the layout of a katori choli for the given size and estimate the fabric
- 15 Draw the layout of salwar and kameez for the given size and estimate the fabric
- 16 Draw the layout of fashionable kameez with survar for the given size and estimate the fabric
- 17 Draw the layout of shawl collar nighty for the given size and estimate the fabric
- 18 Draw the layout of ladies top for the given size and estimate the fabric
- 19 What is remodelling explain with example
- 20 Discuss the causes and remedies for following defects
Tighyness at scye,creases from neck to scye,shoulders dropping down,

COURSE: PATTERN ILLUSTRATION IV LADIES GARMENTS 05 MAKS EACH

- 1 Define paper pattern.List out types of paper pattern
- 2 Explain any two types of paper pattern
- 3 Explain indirect measurements
- 4 How do you take measurements for above waist garments
- 5 Describe drape and flounce
- 6 Define darning and write the working method
- 7 How do you attach patch by hand sewing explain
- 8 Draw the style feature of circular midi skirt color it neatly
- 9 Write about layout and estimation

ANSWER ANY SEVEN QUESTIONS. EACH QUESTION CARRIES TEN MARKS

- 1 Describe the principles of paper pattern and explain any three types of paper pattern
- 2 Write the importance of measurements and explain direct and indirect measurements
- 3 Explain any five technical terms with neat sketch
- 4 Describe the procedure of remodelling long skirt into middi skirt
- 5 Find out remedies for following defects Tightness at scye,creases from neck to scye,shoulders dropping down
- 6 Draft a fashionable kameez with survar for the given size and specification

Draft a katori choli for the given size and specification
- 7 Draft a six piece skirt for the given size and specification
- 8 Draw the layout of circular midi skirt for the given size and estimate the fabric
- 9 Draw the layout of Wrap around skirt for the given size and estimate the fabric required
- 10 Differentiate between semi katori choil and katori choli,Wrap around skirt and circular skirt

MODEL QUESTION BANK

PART-A

REMEMBER

Describe the principles of paper pattern

How do you take direct measurements for above waist garments
Describe the principles of paper pattern
How do you take measurements for below waist garments
Explain any two technical terms with neat sketch
Describe drape and flounce

UNDERSTAND

Define paper pattern. List out types of paper pattern
Differentiate between Semi katori and katori blouse
Differentiate between salwar and survar
Differentiate between circular skirt and wrap around skirt
List out the trimming materials and components required for a shawl collar nighty
Draw the style feature of circular midi skirt color it neatly
How do you select fabrics for Ladies top

APPLICATION

Explain direct measurements
Explain indirect measurements
How do you take measurements for below waist garments
Explain any two technical terms with neat sketch
Define darning and write the working method
How do you attach patch by hand sewing explain
List out the common defects occurred in ladies garments
How do you rectify the given defects explain with neat sketch
Tightness at scye, Creases from neck to scye, Tightness at waist.

PART –B

REMEMBER

Draw the style feature of shawl collar nighty, colour it neatly, write the suitable materials, trimming materials and components required
Draw the style feature of Salwar kameez, colour it neatly, write the suitable materials, trimming materials and components required
What is remodelling explain with example
Discuss the principles of layout and estimation and its uses in material cutting

UNDERSTAND

Draft a six piece skirt for the given size and specification
Draft a circular midi skirt for the given size and specification
Draft a Wrap around skirt for the given size and specification
Draft a semi katori choli for the given size and specification
Draw the layout of semi katori choli for the given size and estimate the fabric
Draw the layout of a katori choli for the given size and estimate the fabric
Draw the layout of salwar and kameez for the given size and estimate the fabric

APPLICATION

- Draft a six piece skirt for the given size and specification
- Draft a circular midi skirt for the given size and specification
- Draft a Wrap around skirt for the given size and specification
- Draft a semi katori choli for the given size and specification
- Draft a katori choli for the given size and specification
- Draft a salwar and kameez for the given size and specification
- Draft a fashionable kameez with survar for the given size and specification
- Draft a shawl collar nighty for the given size and specification
- Draft a ladies top for the given size and specification
- Draw the layout of six piece skirt for the given size and estimate the fabric