



GOVERNMENT OF TAMILNADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI

STATE PROJECT COORDINATION UNIT
(Established under Canada India Institutional Cooperation Project)

CURRICULUM

Course Name	GARMENT PATTERN MAKING
Course Code	TEX/2020/012
Course Duration	60 Hours
Minimum Eligibility Criteria and Pre-requisites (if any)	10 th /+2/Diploma/Graduates
Course Objectives	Training module has been designed to provide the participants <ul style="list-style-type: none"> • Understanding the concepts of pattern making • Understanding the laying concepts • Learning of cutting & Sewing machines • Learning of garment production
Course Outcomes	At the end of training, the participants will be able to <ul style="list-style-type: none"> • Gain knowledge in pattern making & Laying • Gain knowledge in Cutting, stitching and Garment Making
Expected Job Roles	Garment Pattern Designer & Master

TEACHING AND SCHEME OF EXAMINATION					
Course Code	Course Name	Hours	Assessment Marks		Duration of Examination
			Min	Max	
TEX/2020/012	Garment Pattern Making	Theory	20	10	3 Hours
		Practical	40	40	
		Total	60	50	

TEX/2020/012- GARMENT PATTERN MAKING

DETAILED SYLLABUS

Unit No	Modules	No. Of Hours	
		Theory	Practical
I	Introduction	5Hours	
1.1	Pattern Making-Concept, Pattern Making Tools & Cutting tools	2	3
1.2	Measurements-Children wear, Gents wear & Ladies wear		
II	Pattern Making of Children dresses	10Hours	
2.1	E Study about pattern making for children	3	7
2.2	Pattern Making and construction details - Frock, Baba suit, Skirt& T shirt		
2.3	Cloth consumption for Frock, Baba suit, Skirt& T shirt		
III	Pattern making for Gents wear	13Hours	
3.1	Pattern making and construction details for T-Shirt, Half & Full sleeve shirt, Trousers	4	9
3.2	Cloth consumption for T-Shirt, Half &Full sleeve shirt, Trousers		
IV	Pattern making for Ladies wear	13 Hours	
4.1	Pattern making and construction details for Skirt, T Shirt, Salwar&Kameez	4	9
4.2	Cloth consumption for Skirt, T Shirt, Salwar&Kameez		
V	Laying Techniques	5 hours	
5.1	Different types of laying- straight lay, stepped lay	2	3
5.2	Different types of layout- length wise, cross wise, partial length wise, partial cross wise, combined fold and open layout		
VI	Cutting and Sewing & Garment Production system	14 hours	
6.1	Different types of cutting machines-Straight knife cutting, band knife cutting, computerized cutting machines	5	9
6.2	Different types of garment stitches- chain stitch, hand stitch, lock stitch, multithread chain stitch, back stitch		
6.3	Brief study about -Plain seam, French seam, Bound seam, Flat-felled seam, Welt seam, Lapped seam		
6.4	Function of special attachments-hemmer, ruffler, binder, tucker, foot-gathering foot, zipper foot, cording foot, button sewing foot, button hole foot		
6.5	Brief study about Garment production system-Make through system, Progressive bundle system, Section production system, Piece rate system, Modular production system, One piece flow system, Overhead production system		
Total Theory and Practical Hours		20	40
Total hours		60	

HARDWARE REQUIREMENT

S.NO	LIST OF TOOLS /EQUIPMENTS
1	Straight pin, Straight pin holder
2	L scale, Leg shaper, Tracing wheel, French curve
3	Measuring Tape, Scissors, Hanger hooks, Trimmer, Thimble
4	Straight knife, Band knife cutting machines
5	Lock stitch machine, Overlock machine

SOFTWARE REQUIREMENT

Nil

REFERENCE WEBSITE / BOOKS

1. clothingindustry.blogspot.com
2. www.fibre2fashion.com
3. fashion2apparel.blogspot.com
4. textilelearner.blogspot.com

S.NO	NAME OF THE BOOK	AUTHOR	PUBLISHER
1	The Technology of Clothing Manufacture	Carr and Lathem	Blackwell Publication Oxford, UK
2	Introduction to Clothing Manufacture	Gerry Cooklin	Blackwell Publication Oxford, UK
3	Tailoring Books Zarapkar System Cutting	K R Zarapkar	Navneet Publications

ASSESSMENT AND CERTIFICATION

S.No	Criteria for assessment
1.	A trainee will be assessed based on the performance in End Examination for Theory and Practical conducted internally in the Project Polytechnic College for a duration of 3 hours
2.	A trainee must have 75% of attendance to appear for End examination in Theory and Practical.
3.	The assessment for theory part will be based on the marks scored in the end examination on the knowledge bank of questions (1 word/objective type questions)
4.	The assessment for practical part will be based on the marks scored in the end examination conducted by the Project Polytechnic and assessed by the Examiners approved by Strategic Plan Implementation Committee (SPIC) of the project polytechnic.
5.	The passing criteria for successful completion of training is every trainee should score 50% of marks in theory and practical examination.
6.	On successful completion of training , Certificate will be issued to the participants by the Directorate of Technical Education through the Project Polytechnics.

END EXAMINATION

ALLOCATION OF MARKS

S.NO	DESCRIPTION	Max.Marks
1.	Theory Examination	20
2.	Practical Examination	
	a)Write up/Diagram	15
	b)Experiment	35
	c)Result	10
	d)Record	20
Total Marks		100

THEORY MODEL QUESTION PAPER
TEX/2020/012 - GARMENT PATTERN MAKING

(Maximum Marks : 20)

(N.B: Answer any **Twenty** questions)

20 x 1 = 20 Marks

1. What is pattern making?
2. What is the Concept of pattern making?
3. How many cutting tools are available?
4. What is the measurement of children wear?
5. Draw any one ladies wear.
6. What is layout?
7. Write cutting procedure for full sleeve.
8. Draw any two pattern making tools diagram.
9. Write the construction procedure for salwar.
10. What are the different types of laying.
11. What is crosswise lay?
12. Different types of garment stitches?
13. What are the uses of multi-thread chain stitch?
14. Mention the advantages of computerized cutting machines.
15. Write the function of special attachments.
16. What are the types of garment production system?
17. What is modular production system?
18. Define plain seams.
19. Draw multi thread chain stitch.
20. Define welt seam.
21. Draw any two types of skirt.
22. What are the advantages of Baby suit?
23. What is cloth consumption?
24. What is gathering foot?
25. Draw simple T- shirt