



GOVERNMENT OF TAMILNADU

DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI-25

STATE PROJECT COORDINATION UNIT

*(Established under Canada India Institutional Cooperation Project)*

CURRICULUM

Course Name	<b>LEATHER GOODS MANUFACTURING</b>
Course Code	LT/2020/003
Course Duration	320 Hours
Minimum Eligibility Criteria and Pre-requisites(if any)	10 <sup>th</sup> /+2/Diploma/Graduates
Course Objectives	<p>Training module has been designed to provide the participants</p> <ul style="list-style-type: none"> <li>• Understanding about cutting, closing &amp; Finishing of Leather Goods</li> <li>• Formulate operational sequences</li> <li>• Ensure quality parameters</li> <li>• Ensure production deliverables</li> <li>• Perform rectifications / modifications</li> <li>• Coordinate with (or) Coordinate the work/ activities/ operations of Product development cell in footwear industry</li> <li>• Manage work force</li> </ul>
Course Outcomes	<p>At the end of training, the participants will be able to</p> <ul style="list-style-type: none"> <li>• Gain knowledge on Pattern making</li> <li>• Gain knowledge on basic styles of footwear</li> <li>• Gain knowledge on various construction techniques of Leather Goods</li> <li>• Gain knowledge on how to fabricate Leather goods</li> </ul>
Expected Job Roles	Production supervisor in various departments like cutting, closing & finishing in Leather Goods Unit

TEACHING AND SCHEME OF EXAMINATION						
Course Code	Course Name	Hours		Assessment Marks		Duration of Examination
				Min	Max	
LT/2020/003	LEATHER GOODS MANUFACTURING	Theory	60	10	20	3 Hours
		Practical	260	40	80	
		Total	320	50	100	

## LT/2020/003– LEATHER GOODS MANUFACTURING

### DETAILED SYLLABUS

Unit No.	Modules	No. of Hours Theory / Practical
I	<b>Theory</b>	<b>60 Hours</b>
1	<b>Designing and Pattern making</b> Basic concepts of Design and Patterns for Leather goods – Tools used for leather products making-Material requirements for leather products making-Selection of leather for leather products-Common defects in leather, Different type of Leathers, Fabric material, lining material, reinforcement material and synthetics-Threads and Adhesives-Needle-Accessories for leather products.	20
2	<b>Construction techniques</b> Various Construction for leather goods viz.- Cut edge construction - Folded Edge construction – Stitch and turn Edge construction - Butted Edge Construction - Mixed Edge Construction - Thong Edge Construction-Moulded Edge Construction- Binding Edge Construction.	20
3	<b>Fabrication and Finishing</b> Types of leather goods-study related to the unit operations in manufacture of coin purse, Gents wallet, Gents belt, suitcase, school Bag, watch straps and ladies handbag-Finishing techniques and materials – packing techniques and materials.	20
II	<b>Practical Contents</b>	<b>260 Hours</b>
	1. Study, description and use of tools - - Designing and Pattern cutting of different type of Leather Goods viz. Gents Wallet. Coin Pouch, Ladies Handbag etc.	40
	2. Identification and grading of Leathers - Practice on cutting, Skiving by hand, machine Skiving machine stitching, Stamping, Edge creasing, Riveting, Eye - Letting etc.	30
	3. Study of Sewing machine - Flat bed - Cylinder bed - Post bed - Skiving machine - their parts and its function.	34
	4. Practice on key cases manufacture.	34
	5. Practice on Coin purses manufacture.	34
	6. Practice on Wallets manufacture.	34
	7. Practice on Cash Bag manufacture.	34
	8. Practice on Belt manufacture.	20
<b>Total Theory / Practical Hours</b>		<b>60/260</b>
<b>Total Hours</b>		<b>320</b>

### HARDWARE REQUIREMENT

S.NO	LIST OF TOOLS /EQUIPMENTS
1.	Swing Arm Clicking Press and Cutting tools /Accessories
2.	Pre Closing machines(Splitting/Skiving/Stamping/Eyeleting/Buttoning Machine)
3.	Sewing machines(Flat Bed/Post Bed/Cylinder Bed)
4.	Finishing Machines

### REFERENCE BOOKS

S.NO	NAME OF THE BOOK	AUTHOR	PUBLISHER
1	The Complete Hand Book of Leather Crafting	Jame O. Grames	Robert E. Krieger Publishing Co., Malabar Florida
2	How to sew Leathers Suede	G. Philips W. Schewbke	Macmillan, New York
3	Manual on Leather Goods Making	Central leather Research Institute	CLRI Publications
4	Manual on Leather Goods Making	National Instructional Media Institute	NIMI 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 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 Polytechnic.

## END EXAMINATION

### ALLOCATION OF MARKS

S.No	Description	Max.Marks
1.	Theory Examination	20
2.	Practical Examination	
	a)Designing and Pattern making	14
	b)Cutting	12
	c)Pre closing and closing	12
	d)Finishing	12
	e)Result	10
	f)Record	20
<b>Total Marks</b>		<b>100</b>

**THEORY MODEL QUESTION PAPER**  
**LT/2020/003 – LEATHER GOODS MANUFACTURING**

**(Maximum Marks: 20)**

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

**20x1= 20 Marks**

1. How Patterns are classified?
2. What is small Leather Goods?
3. What is medium leather Goods
4. What is solid Leather Goods?
5. How Threads are classified?
6. Write down the types of adhesives used in leather goods making.
7. Write a note on Templates in pattern making
8. Write down the various parts of needle
9. Name few common Leathers used in Leather goods making.
10. Name few common defects of Leathers used in Leather garment making.
11. Mention few important construction techniques of Leather goods making.
12. Write note on accessories.
13. Write note on fusing operation.
14. Write down the types of seams.
15. Write down the objectives of closing operations.
16. Write down the types of stitch.
17. Write down the various parts of belts.
18. Write down the various parts of coin pouch.
19. Name few finishing materials used for finishing operation.
20. Write a note on skiving operation.
21. Write a note on splitting operations.
22. Write down the different types of sewing machines used in leather goods making.
23. Write note on basic pattern.
24. Write note on fancy leather goods.
25. Write down the benefits of edge treatment.