1	Name of Course	**Certificate Course in Manufacturing Leather Goods (407105)**
2	Max. Nos. of Student	25 Students
3	Duration	6 Months
4	Type	Part Time
5	Nos. of Days / Week	6 Days
6	Nos. of Hours /Days	4 Hrs
7	Space Required	Theory Class Room – 200 sqft Practical – 300 sqft
8	Entry Qualification	VIIIth passed
9	Objective Of Syllabus/ introduction	After completion of this course the participant will acquire the skill to Identify, select, use and store tools, equipments and materials used in Leather and Rexine Goods making in a safe manner. To Fabricate wallet, purse, hand bag and belts
10	Employment Opportunity	Can work as Leather goods Maker in Leather goods Manufacturing Industry
11	Teacher's Qualification	Min 2 year Experienced Senior Leather Sports goods Maker for Practical and B.A. or B.Com, B.Sc. With computer competency for theory subject
12	Training System	**Training System Per Week** Theory: 6 hrs; Practical: 18hrs; Total: 24hrs
13	Exam. System	

Sr. No.	Paper Code	Name of Subject	TH/PR	Hours	Max. Marks	Min. Marks
1	40710511	**Leather Goods Maker**	TH	3 Hrs	100	35
2	40710521	**Introduction to Leather Industry**	PR-I	3 Hrs	100	50
3	40710522	**Leather Goods Maker**	PR-II	6 Hrs	200	100
		Total			400	185

SYLLABUS

Theory & Practical
Leather Goods Maker

Practical – II	Theory - I
□ Use of protective clothing and boots □ Maintain personal cleanliness & Hygiene □ Carry out basic first aid treatment/notifying accident. □ Practice fire safety measures □ Simple Disaster Management & preventive measures in the event of Earthquakes, Tsunami, etc. □ Identify tools, equipments and materials used in Leather and Rexine Goods making □ Apply good house keeping practices, proper handling of materials and disposal of waste, follow statutory regulations.	□ Safety precautions, use of protective clothing and elementary first aid. □ Importance of personal cleanliness & Hygiene □ Reasons for carrying out good housekeeping practices □ Functions and uses of various tools, equipment and materials. □ Care and use of tools, equipment and materials used in bakery □ Selection and correct use of tools and equipment □ Proper handling and correct use of hand tools
□ Store/lay and use materials at work in safe manner □ Use and store tools and equipments in a safe manner □ Select proper tools, equipment and material for a particular task □ Carry out cleaning, oiling and maintenance of the sewing machine (Sewing machine: Treadle operated (manual), power operated Flat bed sewing M/C) □ Set the sewing machine for operation (Set: Needle fixing, winding the bobbin thread, adjusting the stitch length, tension and pressure) □ Draft and mark straight line, curved line and circle □ Perform stitching operation as per drafting □ Carry out clicking & cutting (Clicking: Straight cutting, curved cutting, Kit cutting, angle cutting, round cutting) □ Carryout skiving by hand and machine	□ Structure and quality of leather. Criteria for selection of suitable leather for a product. □ Different types of synthetic materials and their uses □ Types of adhesives and their application. □ Different types of sewing machines. Parts of machines and their functions. Cleaning, oiling and Maintenance of sewing M/C □ Proper body position, ventilation and lighting while stitching □ Selection of proper tools & machineries for different operations. □ Principles involved in pattern preparation. □ Drafting and marking procedures □ Types of stitch formation, chain stitch, lock stitch. Procedure for Stitch formation. Safety measures to be followed while stitching □ Principles and rules of upper components clicking, preparation before clicking. Instructions for economical clicking, leather cutting control

□ Fabricate a wallet • Prepare pattern for wallet • Mark and cut the components (Components: leather, lining & reinforcements) • Skive the components • Fold and assemble (attaching lining, pasting, edge folding) • Stitch the wallet sequentially • Finish the wallet (Finish: Thread cutting, trimming, colouring, cleaning, polishing) • Fix the accessories, check quality and pack for delivery □ Fabricate bag • Prepare pattern for bag (Bag: ladies bag, ladies purse, shoulder bags, executive bag, travel bag) • Mark and cut the components (Components: leather, lining & reinforcements) • Skive the components • Fold and assemble (attaching lining & reinforcement, pasting, edge folding)	□ Importance of skiving and splitting, types of skiving. □ Types of seams and their application □ Quality checks to be carried out. □ Importance and methods of packaging
• Stitch the purse sequentially • Finish the bag (Finish: Thread cutting, trimming, colouring, cleaning, polishing) • Fix the accessories, check quality and pack for delivery □ Fabricate belt • Prepare pattern for belt (Gents belt, ladies belt and dog belt) • Mark and cut the components (Components: leather, lining & reinforcements) • Skive the components • Fold and assemble (attaching lining & reinforcement, pasting, edge folding) • Stitch the belt sequentially • Finish the bag (Finish: Thread cutting, trimming, colouring, cleaning, polishing) • Fix the accessories, check quality and pack for delivery □ Rectify minor faults in the sewing machine (Faults: Needle break, skip stitching, irregular stitch , tuckering , thread cuts)	

□ List out the materials required to produce a given product □ Estimate cost of materials required □ Estimate man power and time required for completing the work □ Estimate labour cost, overheads and cost of utilities (Power, water) □ Estimate the total cost involved in production of a product. □ Identify the possible agencies and other customers, who can purchase. Make a comparative study of the rates of other suppliers. Prepare a label according to requirement.	

List of Tools and Equipments for Leather Goods Maker

Sr.No.	Name of the Hand Tools	Quantity
1.	Marble stone (40 x 40 x 10 cm)	10 Nos.
2.	Wooden block (30 x 10 x 10cm)	10 Nos.
3.	Steel rule 300mm	5 Nos.
4.	Steel rule 600 mm	5 Nos.
5.	'L' square	5 Nos.
6.	Compass	10 Nos.
7.	Divider	10 Nos.
8.	Scissors 150 mm blade	10 Nos.
9.	Hammer	10 Nos.
10.	Clicking knife	10 Nos.
11.	Stitching awl	10 Nos.
12.	Punch set No 1 To 10 mm	1 set
13.	Cutting plier 150 mm	5 Nos.
14.	Set of screw drivers	1 set
15.	Eyelet setter	1 set
16.	Measuring tape 2 metres long cotton / plastic	5 Nos.
17.	French curve set	5 set
18.	Folding hammer	5 Nos.
19.	Press button die set	1 set
20.	Fibre board	5 Nos.
21.	Oil stone 6'x 2' x 1'	5 Nos.
22.	Nylon head hammer	5 Nos.
23.	Leather thickness measuring gauge	1 nos
24.	Work Table Top fixing with cuddappa stone	10 Nos.
25.	Wooden stools	10 Nos.
26.	Skiving knife	10 Nos.
27.	Clicking Table Top fixing with G. I. sheet	10 Nos.

List of Machines / Equipments Required

Sr. No.	Name of the machinery	Specification	Quantity
1.	Flat bed sewing machine (manually operated)	Single needle capacity leather stitching	5 Nos.
2.	Flat bed sewing machine (power operated)	Single needle capacity Leather stitching	10 Nos.
3.	Cylinder bed sewing machine	Single needle capacity Leather stitching	1 No .
4.	Skiving machine	Leather skiving	1 No.
5.		Edge folding machine (power operated)	1 No.
6.		Bench Grinder	1 No.
7.		Clicking Machine	1 No.
8.		Stamping Machine with Die set	1 No.

List of Raw Material Suggested for Leather Goods Maker

Sr.No.	Name of the Materials	Quantity
1.	Sheep leather 0.6 to 0.8 mm thick	2500 sq.dcm
2.	Goat leather 0.6 to 1.0 mm thick	1500 sq. dcm
3.	Cow sotty leather 0.7 to 1 mm	3000 sq. dcm
4.	Foam rexine	20 metres
5.	Banian rexine	40 metres
6.	Lining cloth for cotton	60 metres
7.	Synthetic linings (satin cloth)	20 metres
8.	Colour board	200 numbers
9.	Grey board	40 numbers
10.	Sewing machine needle No : 100, 110, 120 LR	10 packets
11.	Sewing machine oil	10 litres
12.	Sewing machine thread (nylon) 30, 40, 60.	10 cones
13.	Corners	10 dozens (suitable size)
14.	Zip 3mm	40 metres
15.	Zip 5mm	60 metres
16.	Runner 3mm	1 Gross
17.	Runner 5mm	1 Gross
18.	Press button	10 dozens (suitable size)
19.	Eyelet button	10 dozens (suitable size
20.	‘D’ Rings	10 dozens (suitable size)
21.	Adjustable buckle	5 dozens (suitable size)
22.	Magnetic lock	5 dozens (suitable size)
23.	Pipe beading	20 Rolls
24.	Rivet button	1 Gross (suitable size)
25.	Dendrite adhesive	30 litres
26.	Rubber latex	20 litres
27.	Pigment (season) 100ml.	1 dozen
28.	Polishing brush	10 numbers Black and brown colour
29.	Belt buckles	2 dozens (suitable size)
30.	Marking pencils	50 numbers
31.	Dog hooks	2 dozens (suitable size)

Practical – I
Introduction to Leather Industry

- Safety precautions – Use of pass words, data saving, and closing computers.
- Familiarization with data to be entered and their files and path.
- Familiarization with Leather goods manufacturing factory activities and the role of a data entry operator in maintaining records.
- Mock drills – fire fighting and first aid
- Safety precautions (uses of tools and equipments in safe manner.)
- Stock Maintenance, coding the material, bin card entry.
- Stock Inspection.
- Familiarization of stock required by each department.
- Practices of stock keeping of the cut panels and semi stitched Leather goods parts
- Knowledge of Stock requirement and arrangement.
- Stock Maintenance and Accounting on stocks.
- Knowledge of purchase and exchange.
- Stock Reporting & Dispatching report maintenance.

List of Tools & Equipments

Description	Quantity
Note Book 100 pgs, Pen, Pencil, Eraser, Ruler, White A4 Sheets	25 sets
Aprons, caps	25 sets
Store room Depending on stock	1
Computer System with printer	2