

**MAHARASHTRA STATE BOARD OF VOCATIONAL EDUCATION EXAMINATION , MUMBAI-51**

01	Name of syllabus	C.C.In Handmade Shoe Making (w.e.f. 2018-19) (407207)												
02	Max. Nos of student	25 Students												
03	Duration	1 year												
04	Type	Part time												
05	Nos of Days / Week	6 Days												
06	Nos of Hours / Days	7 Hrs												
07	Space Required	Practical Lab = 1000 Sq feet Class Room = 200 Sq feet <hr/> Total = 1200 Sq feet												
08	Entry Qualification	S.S.C.												
09	Objective of syllabus / introduction	After completing the course the persons will be able to make skill of shoe making												
10	Employment opportunity	He Can get employment in shoe making establishment.												
11	Teacher Qualification	Diploma or Certificate Course in Leather.												
12	Training system	Training system per Week <table><tr><td>Theory</td><td>Practical</td><td>Total</td></tr><tr><td>6 HRS</td><td>18 HRS</td><td>24 Hours</td></tr></table>							Theory	Practical	Total	6 HRS	18 HRS	24 Hours
Theory	Practical	Total												
6 HRS	18 HRS	24 Hours												
13	Exam . System	Sr. No.	Paper Code	Name of Subject	TH/PR	Hours	Max. Marks	Min. Marks.						
		01	40720711	Practices of stitching and Designing	TH-1	3hrs	100	35						
		02	40720712	Shoe Upper Making	TH-II	3hrs	100	35						
		03	40720713	Shoe Bottom Making	TH-III	3hrs	100	35						
		04	40720721	Practices of stitching and Designing	PR-I	3hrs	100	50						
		05	40720722	Shoe Upper Making	PR –II	3hrs	100	50						
		06	40720723	Shoe Bottom Making	PR-III	3hrs	100	50						
				Total			600	255						

## Syllabus :- Handmade Shoe Making

### Practices of stitching and Designing

Theory - I	Practical - I
<b>Description the types of sewing machine</b> 1.1 Flat bed sewing machine 1.2 Post bed sewing machine 1.3 Cylinder bed sewing machine 1.4 Various part of machine 1.5 Various adjustment of machine Safety device of machine	Practice of sewing machine Assemble and dismantle of sewing machine Practice of Various adjustment of machine
<b>Description the types of Upper and bottom machine</b> Various adjustment of skiving machine, Various types and adjustment of Clicking machine, Types of lasting machine – toe, side, seat lasting Bottom attaching machine Finishing machine	Practice of skiving ,clicking, Practice of Various adjustment of skiving ,clicking machine Practice of lasting - toe, side, seat lasting Practice of various sole attaching Practice of various types of upper and bottom finishing
Foot Measurement Technique of foot measurement Shape and dimension of the foot Joint measurement	The sketch of shoe, footwear
Last classification of last Types of last Various prates of shoe last Difference between the human feet and last material of last wood, pvc, steel, iron	Practices of apply the tape on last Practices of Inner Forme cutting Practices of Outer Forme cutting Practices of mean forme cutting preparation of standard of Derby and cut the sectional pattern preparation of Lining standard of Derby and cut the sectional pattern
Size and fitting Principles of size and fit Size system : British , Mondo point Multi fitting	preparation of standard of oxford shoe and cut the sectional pattern preparation of Lining standard of oxford shoe and cut the sectional pattern
Designing The Basis of Design Method of types Mean Forme cutting preparation of standard and sectional pattern	

## SHOE UPPER MAKING

Theory - II	Practical - II
<p><b>Upper preparation</b></p> <p>Clicking</p> <p><b>Variation in leather</b></p> <p>various part parts of skin/Hide</p> <p>Tension and stretch</p> <p>types of Defects</p> <p>Clicking of various part of Shoe</p> <p><b>Types of upper Material</b></p> <p>Types of upper leather</p> <p>properties of upper leather</p> <p>Types of Lining leather</p> <p>Properties of Lining leather</p> <p>Synthetic upper material ( Fabric / coated fabric )</p> <p><b>Identification marking</b></p> <p>A) Machine marking</p> <p>B) Stitch marking</p> <p>C) Skiving marking</p> <p><b>Edge treatment</b></p> <p>a)Raw edge</p> <p>b)Folding</p> <p>c) Burnishing</p> <p>d)Bagging</p>	<p>Clicking</p> <p>Maintenance</p> <p>clicking tools</p> <p>finishing tools</p> <p>By hand &amp; machine</p> <p>Identification marking</p> <p>Skiving</p> <p>By hand &amp; machine</p> <p>Types of Edge treatment</p> <p>Raw edge , Folding, Burnishing, Bagging</p> <p>Stitching by hand</p> <p>Chain ,signal &amp; dabble lock Stitch ,lace Stitch</p>
<p><b>Stitching operation</b></p> <p>Sewing machines : general shape of the head</p> <p>type of the stitch formation : lock, chain stitch</p> <p>Various types of seams : closed , open , silked, lapped , butted , welted ,piped, moccasin seam</p> <p>Decorative stitches : Fancy cable , glove , top line stitching, Veeing or Boxing , Barring</p> <p>Eyeleting</p>	
<p><b>Skiving</b></p> <p>Types of skiving: Raw edge ,Lapped, folded ,lasting, corner</p> <p>Machine skiving : single, triple ,matrix skiving</p> <p>Features of skiving machine : knife shaft, feed roll, grinding device</p> <p>splitting</p>	
<p><b>Sequence of operation</b></p> <p>Sequence of operation Oxford shoe</p> <p>Sequence of operation Derby shoe</p>	<p>Assembling of upper</p> <p>Any two types of Derby upper</p> <p>Any two types of Oxford upper</p>

## SHOE BOTTOM MAKING

Theory - III	Practical - III
Preparation Preparation of Lasting Insoles Bevelling, insoles sorting, fitting – up, Rounding, Channelling Mulling : direct, indirect Preparation of Toe puff Preparation of stiffeners	Preparation of Lasting Insoles Preparation the types of Lasting Insoles Heat setting, Mulling Preparation of Toe puff Preparation of stiffeners
Drafting Drafting pull Hand lasting ; Forepart lasting, side lasting, seat lasting machine lasting	Preparation of Toe puff and inset correct height. Preparation of stiffeners and inset . Drafting Practice of Drafting pull
Types of lasting lasting up lasting down force lasting string lasting	Practice of Hand lasting , Forepart lasting, side lasting, seat lasting
Bottom filling Types of bottom filling material Types of sole attaching P.V.C, T.P.R, PU, Leather,	Attaching of filler Method of sole attaching , practice of sole attaching
Bottom finishing Method of edge setting Bottom scouring Heel trimming, scouring Edge and Heel colouring	
Shoe finishing material Types of wax, abrasives paper, glass ect	
Quality control of shoe ,checking, Method of shoe packing : export and import	Practice of cleaning the upper Practice of cleaning The spray gun Practice of method of applying spray dressing Practice of types of Dressing

### List of Tools and Equipments for footwear

Sr.No	Name of the Hand Tools
1.	Marble stone ( 40X40X10cm )
2.	Steel rule 300mm
3.	Steel rule 600mm
4.	“L”square
5.	Compass
6.	Scissor 150mm blade
7.	Hammer
8.	Punch set no1 to 10 mm
9.	Skiving knife
10.	Screw drivers
11.	Eyelet setter
12.	French curve set
13.	Oil stone 6’X2’X1’
14.	Fibre board
15.	Press button die set
16.	Measuring tape

### List of Machines

Sr. No	Name of the machinery	Quantity
01	Flat bed sewing machine ( manually operated )	05
02	Flat bed sewing machine ( power operated )	05
03	Cylinder bed sewing machine	05
04	Skiving machine	01
05	Edge folding machine	01
06	Splitting machine	01
07	Stamping machine	01
08	Sole attaching machine	01
09	Finishing machine	01

### Reference Books :

no	Particular	Author
01	Manual of leather Goods making	C.L.R.I
02	Product knowledge	Swayam siddha
03	The art of sewing operating	Swayam siddha
04	adhesives	C.L.R.I.

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