

MAHARASHTRA STATE BOARD OF VOCATIONAL EDUCATION EXAMINATION, MUMBAI

1	Name of Syllabus	Certificate course in Computerized Carpet Design (410128)																																			
2	Max.Nos of Student	25 Students																																			
3	Duration	6 Month																																			
4	Type	Part Time																																			
5	Nos Of Days / Week	6 days																																			
6	Nos Of Hours /Days	4 hrs.																																			
7	Space Required	1) Workshop = 300 sqfeet 2) Class Room = 200 sqfeet TOTAL = 500 sqfeet																																			
8	Entry Qualification	Any Course Pass of MSBVE in Tailoring																																			
9	Objective Of Syllabus/ introduction	Ability to develop design primarily and convert the same in CAD environment to use the computer /I.T. for Carpet &Textile Sector, for MIS, cost calculation etc																																			
10	Employment Opportunity	Self Employment / May get job in Establishment																																			
11	Teacher’s Qualification	Diploma in textile engineering or Diploma in computer engineering or I.T.I. FASION DESIGNING with NCVT																																			
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>18hrs</td><td>24hrs</td></tr></table>							Theory	Practical	Total	6 hrs	18hrs	24hrs																							
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13	Exam. System	<table><tr><td>Sr. No.</td><td>Paper Code</td><td>Name of Subject</td><td>TH/PR</td><td>Hours</td><td>Max. Marks</td><td>Mini. Marks</td></tr><tr><td>1</td><td>41012811</td><td>Computerized Carpet Design Theory</td><td>TH-I</td><td>3 Hrs</td><td>100</td><td>35</td></tr><tr><td>2</td><td>41012821</td><td>Information Technology</td><td>PR-I</td><td>3 Hrs</td><td>100</td><td>50</td></tr><tr><td>3</td><td>41012822</td><td>Computerized Carpet Design</td><td>PR-II</td><td>6 Hrs</td><td>200</td><td>100</td></tr><tr><td></td><td></td><td>TOTAL</td><td></td><td></td><td>400</td><td>185</td></tr></table>	Sr. No.	Paper Code	Name of Subject	TH/PR	Hours	Max. Marks	Mini. Marks	1	41012811	Computerized Carpet Design Theory	TH-I	3 Hrs	100	35	2	41012821	Information Technology	PR-I	3 Hrs	100	50	3	41012822	Computerized Carpet Design	PR-II	6 Hrs	200	100			TOTAL			400	185
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Theory - I Computerized Carpet Design Theory

1. Study of various tools & equipment & material.
2. Safety and precaution at working practices.
3. Study of sequence of operations
4. Methods of transferring the
5. design to carpet. Defects in manufacturing carpet and remedial measures.
6. To study historical aspects & colour themes involved in areas
7. Textile: Jamdani, Phulkari, Kantha, Paithani, Banarasi ,Carpet: Kirman, Herati, Tabriz, Prayer Rug,
8. Mir, Tufted and Modern CAD
9. Different tools of CAD Software & its Application for Textile & Carpet Designing
10. Study of Colour, Motif & Market trend.
11. Basics of Information Technology
 - a. Commands/ Functions of a particular
12. programming language C++/Visual
 - a. Basic Web technology, HTML, Protocols,
13. HTTP, www
 - a. Basics of networking
 - b. Use of Software (Carpcost)

Practical - I Information Technology

1. Practical of Basic Command, Functions, Statements for computer operation.
2. Basic/ Some other relevant software practice. Practical for developing small
3. Programme for computation relevant to Carpet & Textile
4. Practical for Cost Calculation
5. Practical for MIS reporting
6. Cost output using Carpcost

Practical - II Computerized Carpet Design

1. Development of Colour wheel,
2. Use of crayons, colour pencil, Skeeth & water colour, poster colour
3. To create different type & style design plate in these areas:
4. Textile: Jamdani, Phulkari, Kantha,
5. Textile - Paithani, Banaras, Carpet: Kirman, Herati, Tabriz, Prayer Rug, Mir, Tufted .
6. Modern Carpet Design
7. System Practice on CAD out of above mentioned creations
8. Exhibition of developed design for market testing

TOOLS AND EQUIPMENT

1. Table with Drawer	20
2. Table for computer	10
3. Chairs	40
4. Computer with software	10
5. Printer Inkjet	02
6. Scanner	01
4. Carpcost Software	01
5. Calculator	01
