

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

1	Name of Syllabus	<b>C C in Art of Textile Design- Weaving (412207)</b>						
2	Max.Nos of Student	<b>25 Students</b>						
3	Duration	<b>1 year</b>						
4	Type	<b>Full Time</b>						
5	Nos Of Days / Week	<b>6 Days</b>						
6	Nos Of Hours /Days	<b>7 hrs.</b>						
7	Space Required	<b>1) Practical Lab = 1000 sq. feet</b> <b>2) Class Room = 200 sq. feet</b> <b>TOTAL = 1200 sq. feet</b>						
8	Entry Qualification	<b>S.S.C.</b>						
9	Objective Of Syllabus/ introduction	<b>This course shall provide a systematic training in fabric design in the traditional contemporary processes and design concepts.</b>						
10	Employment Opportunity	<b>After completion of course can take projects and execute them and various job opportunities in weaving</b>						
11	Teacher's Qualification	<b>Diploma or Certificate course in concern field.</b>						
12	Training System	<b>Training System Per Week</b>						
		<b>Theory</b>		<b>Practical</b>		<b>Total</b>		
		<b>12hrs</b>		<b>30hrs</b>		<b>42hrs</b>		
13	Exam. System	Sr. No.	Paper Code	Name of Subject	TH/PR	Hours	Max. Marks	Mini. Marks
		1	<b>41220711</b>	Drawing and Design	TH-I	3 hrs.	100	35
		2	<b>41220712</b>	Textile weaving Materials and Method	TH-II	3 hrs.	100	35
		3	<b>41220713</b>	History of Western and Indian Art	TH-III	3 hrs.	100	35
		4	<b>41220721</b>	Drawing and Design	PR-I	3 hrs.	100	50
		5	<b>41220722</b>	Basic Designing	PR-II	3 hrs.	100	50
		6	<b>41220723</b>	Design Execution	PR-III	3 hrs.	100	50
				Total I			<b>600</b>	<b>255</b>

## **Theory - I - Drawing and Design**

Analytical study of natural and other objects as line, form, plane texture and color  
Transformation of objects into variety of simple and complex planes,  
Tones and organization, study from the natural and environmental sources  
The forms of organizations as aids to visualization  
Study of design concepts with their functional implication

Various design problems and methods and processes of fabric printing on colors  
Silk and synthetic materials color chemistry  
Methods and treatments of fixing colors on fabrics  
Cost and estimation

## **Theory - II - Textile weaving Materials and Method**

Introductory information of fibres  
Natural and man-made  
Properties  
Looms-hand looms  
Flyshuttles, carpet, construction  
Tools  
Equipments  
Dye suff color  
Chemical solutions  
Methods and processes  
Design problems  
Graph methods  
Counting of picks and ends  
Fabric structure  
Cloth analysis  
dobby and jacquard weaves- structure and functinoing  
Cost and estimation

## **Theory - III - History of Western and Indian Art**

Pre-historic Art  
Paintings on the cave walls

Neolithic Art  
Carving in low relief-menhires, passage grave.  
Ceramics- Susa ware, Samarra ware

Ancient Egypt  
Old kingdom  
Pyramids with carved and painted scenes  
Pyramids of Giza- paintings sculpture  
Middle and New kingdom-temples paintings sculpture  
Paintings – Tomb painting- women musicians  
Mesopotamia including Persia  
Summer- samaria ware, ziggurat, golden harp with bull head, goat stand bronze head of king sargoan  
Babylon stele of king hammurabi with first law-code  
Persia- ruins of persepolis – stairway to the Royal audience hall. Bull capital, luritan bronzes  
Greece-geometric period, votive figures, block type and spread type

Archaic period Classical period Hellenistic period – sculpture, painting  
Roman Art-sculpture architecture, paintings  
Gothic-cathedrals- carving on columns, stained glass windows  
Various Isms

History of art and pertinent to Textile design of India

Indus valley civilization- 2500 B C- 1500 B C  
Mauryan Empire-  
Sunga period  
Kushan period  
Gandhara school  
Gupta period  
Medieval period  
Mogul period  
Study of above periods with ref to design form, techniques adopted

## **Practical - I - Drawing and Design**

Analytical study of natural and other objects as line, form, plane texture and color  
Transformation of objects into variety of simple and complex planes,  
Tones and organization, study from the natural and environmental sources  
The forms of organizations as aids to visualization  
Study of design concepts with their functional implication

Study of basic forms and functions as found in nature and environment  
Study of human, animals, birds  
Exposure to a variety of 2-D and 3-D forms through observation

## **Practical - II - Basic Designing**

Evolving forms and their organization by combination and manipulation of lines  
( vertical, horizontal, inclined) and basic forms into designs in view of technical scope and  
limitations with color rendering  
Design in view of the scope and technical limitation  
Exploring vivid possibilities of design organization in view of waving process  
Visualization of design for various kinds of fabrics- dress and furnishing materials with vivid  
textures and colors.

## **Practical - III - Design Execution**

Experimenting with various kinds of yarns vivid combinations of fibers resulting into forms and  
organization  
Exploring results by simple weaving with color yarn  
Basic weaves plane, twill satin, buck-a-back, honey etc  
Practical in basic weaves, dying the yarns  
Practical in exploring possibilities of weaves by combinations of different kinds of weaves  
Realization of visualized design concepts such as tapestry, carpet, hanging, dress and furnishing  
materials

Practical in dobby and jacquard weaves

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