

MAHARASHTRA STATE BOARD OF VOCATIONAL EDUCATION EXAMINATION, MUMBAI

1	Name of Syllabus	C. C. in Ceramics and Pottery (412205)							
2	Max.Nos of Student	25 Students							
3	Duration	1 year							
4	Type	Full Time							
5	Nos Of Days / Week	6 Days							
6	Nos Of Hours /Days	7 hrs.							
7	Space Required	1) Practical Lab = 1000 sq. feet 2) Class Room = 200 sq. feet TOTAL = 1200 sq. feet							
8	Entry Qualification	S.S.C							
9	Objective Of Syllabus/ introduction	This course is design- oriented, skill learning and career- oriented and involves creativity and aim to provide necessary technical knowledge.							
10	Employment Opportunity	After completion of course can take projects and execute them and various job opportunities in traditional crafts							
11	Teacher's Qualification	Diploma/Certificate in concern subject							
12	Training System	Training System Per Week							
		Theory		Practical		Total			
		12hrs		30hrs		42hrs			
13	Exam. System	Sr. No.	Paper Code	Name of Subject	TH/ PR	Hours	Max. Marks	Mini. Marks	
		1	41220511	Drawing and Design	TH-I	3 hrs.	100	35	
		2	41220512	Materials and Design	TH-II	3 hrs.	100	35	
		3	41220513	History of Western and Indian Art	TH-III	3 hrs.	100	35	
		4	41220521	Drawing and Design	PR-I	3 hrs.	100	50	
		5	41220522	Design visualization	PR-II	3 hrs.	100	50	
		6	41220523	Design execution	PR-III	3 hrs.	100	50	
				Total I			600	255	

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

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

Exposure to a variety of 2-D and 3- D forms through observation

Theory II Materials and Design

Materials used in ceramics and pottery

Various clay bodies and their compositions

Tools and equipments

Methods and processes

Firing techniques

Ceramic chemistry

Natural raw materials

Processing of materials

Various design problems

Traditional and contemporary methods and processes

Firing techniques, coloring and glazing

Ceramic colors

Chemistry of color and clay

Finishing processes

Cost estimation

Practical II Design visualization

Organization of 2-D and 3-D forms in relation to the technical scope and limitation

Color rendering

Visualization of design concepts for simple objects of beauty and utility

Various art objects terra-cotta murals, ceramic pots and sculptures, tiles etc.

Evolving 2-D and 3-D forms and their functional organization

Creative and significant shapes with color rendering

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 ceramics and pottery

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 and making of objects

Practical III Design execution

Practical in making various clay bodies,

Turning shapes on potters wheel and

Construction of forms by coil and slab methods.

Realization of visualized designs through techniques

Practical in biscuits firing

Practical w r t creative methods of firing and glazing

Coloring and glazing in limited colors

Silk screen printing in ceramics