

## GROUP-28

### Modeller (Level of Exam- Matric+ Diploma in Clay Modelling & Sculpture)

1) General awareness, Reasoning, Mathematics, Science, History including Haryana related history, current affairs, literature, Geography, Civics, Environment, Culture etc. - **(Weightage 20%)**

2) Computer terminology, Fundamentals, word software, excel software, Power point, internet, web browsing, Communication, emails, downloading and uploading data on websites etc. -

**(Weightage 10%)**

3) Subject related syllabus-

**(Weightage 70%)**

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### **DRAWING**

Study of forms in nature, single object and group of objects in line, tone and texture, Study of basic natural objects/ geometrical objects, construction and perspective involved, making in clay and Drawing focusing on shape, modelling and relative proportion, Outdoor site specific/Architectural and natural objects; Drawings using different medium, pencil rendering, water colour and crayons, Still life/ Detail drawing of manmade objects along with drapery from different-2 angles using pencil rendering, water colour and crayons, Study of ancient Indian sculpture and understanding of composition, proportion, dimension, space and ground, Study of Human body parts; drawing and clay, Study of forms in nature, single object and group of objects in line, tone and texture, Life study of human figure male / female in ½ sizes in clay and drawing showing anatomical structure, Life-Study: Study of muscles and skeletal structure of the body in different postures, emphasizing on balance and form, Animal Study: Quick sketches, drawing, and modelling in clay. Mould making and casting, Head Study: Observation and Understanding of the head and skull structure in reference to its basic form and contour lines, its characteristics, resemblance to the model. Making in clay and Piece Mould.

### **COMPOSITION**

Paper Sculpture using basic geometrical shapes; understanding the play of colour and light on the object in relation to space, Observation and understanding of Natural objects; transforming into three dimensional form, making in medium of clay, with focus on observation, shape, modelling and relative proportion, Exercises with plaster and clay blocks, Methods of carving, Relief Composition; based on Architectural form using basic elements of relief and creating virtual space, Paper sculptures with the help of basic geometrical shapes based on unified objects, use of light and colour in paper sculpture along with the understanding of effects on colours through background space of the objects, Observation and understanding of Natural objects form, transforming into three dimension making in clay focusing on observation, shape, modelling and relative proportion, Relief composition from everyday life using perspective and basic elements of relief. • Round Composition: drawings, maquettes and Compositions based on personal experiences of everyday life. • Round Composition: based on study of human figure, animal or bird and making of a composition from the environment. • Animal Composition based on animal and Bird forms. • Round Composition based on study of human figure, animal or bird and making of a composition from the surrounding environment. • Relief Composition based on natural surroundings.

### **WOODCUT/LINO CUT**

Introduction of materials and its use for making a design for a relief print. Making relief print from wood and linoleum blocks,

### **POTTERY**

Introduction to clay (Theory), Techniques of making pottery (Theory), COIL, PINCH, THROWING, SLAB, MOULDING-CASTING, JIGER-JOLLY, ETC., Introduction to surface decoration techniques, HAND PAINTING, CARVING, ENGRAVING, SLIP TRAILING, COMBING, APPLIQUE, INLAY, STENCILING, SPONGING, STAMPING, BENDING, NERICOMI, FEATHERING, ETC., Wheel work- Throwing- Cylinder, Bowl and Vase and Creative Container, Turning and surfacing- Cylinder and Bowl, Pinch Method- Animal / Bird Form and Functional Unusual Sculptural Form Inspired from any Natural Object, Mould Making- Slip Casting and Slab Casting, Coil Method-1 Vase, Slab work- . Tile Making, Theory in clay Body- Making of Clay Bodies, Preparing of

Earthenware, • Slab work • Exercise on potter's Wheel- Animal or bird form with the help of forms made on the wheel. • Slab work- Mural 12" X 15" • Glazing- Theory + Earthenware Glaze (Low Temperature) • Plaster Piece Mould • Wheel work Garden Pot/ Soup Set/Jug/Juice Set. • Biscuit Firing: Experience of loading ceramic furnace and firing. • Preparing Different Clay Bodies stone ware • Slip Casting and Slab Casting from plaster mould • Tile making: various textures and decoration • Theory in clay Types of clay, clay-body making and study of various types of ceramics,

## **COLOUR DESIGN**

Study of objects in media like water colour, wash and crayons. Knowledge of primary, secondary, complementary colours and their relationships. (a) Compositions based on studies from nature (b) Compositional analysis of paintings,

## **CARVING OR ASSEMBLING IN WOOD**

• Introduction to various types of wood and its characteristics. • Various methods of carving. • Techniques of Joining wood. • Introduction to different kinds and characteristics of wood and various methods of sculpting wood (carving, burning, texture, Polishing etc.). Introduction to wooden joints and methods of assembling wood pieces. • Tools and Technique-Use and handling of wood carving tools (Wood carving tools Round, Flat and power tools etc.

## **LITHOGRAPHY**

Introduction of lithography technique and chemicals, to know the technique used in Lithography and learn the chemistry of Lithography - Produce single colour Lithographs. Multicolour lithography. Advance experiments and making an edition

## **METAL CASTING**

• Metal casting by lost wax process • Piece Mould and Mother mould Making • Casting of work done directly in Wax, • Mould making with core and without core- direct work with plaster. • Channel Making etc. • Direct and Indirect method of metal poring. • Finishing, polishing and Patina. • Method and Materials, Techniques and theory of Metal casting.

## **STONE CARVING**

• Introduction to different types of Stones and various methods of sculpting Stone (cutting, carving, grinding, polishing etc.) • Tools and techniques- Use and handling of Stone carving Tools (Pointed and Flat chisels and Pneumatic and other power tools) • Tempering and maintenance of carving tools

## **POTTERY AND CERAMIC**

Theory of Ceramic Glazes used in Pottery and Ceramic Sculpture. Exercise on potter's Wheel - Round or Relief Composition with thrown shapes/ Slab work- Round or Relief Composition in Slab work/Combination of both methods. • Slip casting and slab casting from plaster mould. Ceramic Sculpture-Round Composition with slab, Pinch, Coil method or other methods. • Biscuit and Glaze firing- Biscuit Firing, Preparing Glazes, methods of glazing, and firing.

## **MURAL**

• Exercises Exploring Medium Technical Exploration and Understanding Nature of the Technique/Material. • Self-Explorative Ideas And Composition In Wet And Dry Process • Study and exposure to traditional practices of murals apart from painting: e.g. : relief carving.(on plaster slabs/wood etc.), • Exercises in different Mural media : 1. Jaipur wet process 2. Mosaic etc. 3. Terracotta relief etc. • Submission of the works at the end of the semester.

## **ETCHING**

Making grounds, hard ground and liquid ground use of Aquatint and producing an edition. Advanced experiment in printing, techniques of etching.

**Important Note: The Weightage as mentioned against the syllabus is tentative & may vary.**