

**FURTHER DETAILS REGARDING MAIN TOPICS OF  
PROGRAMME No. 11/2020 (Item No:34, 35 & 36)**

**Junior instructor (Painter General) in the Industrial  
Training Department**

**Category Numbers: 087/2019, 320/2019 & 365/2019**

**1. Free hand drawing and Colouring**

- a. Drawing pencils
- b. Drawing papers
- c. Colours

**2. Painting tools**

- a. Various brushes
- b. Spray Guns
- c. Cleaning tools

**3. Surface preparation (Metal ,Wood & Wall)**

- a. Hand cleaning
- b. Mechanical cleaning
- c. Chemical cleaning
- d. Corrosion

**4. Types of paints**

- a. Water base paints
- b. Oil base paints
- c. Varnish and polish
- d. Ingredients of paints

**5. Method of paintings (Metal,Wood & Wall)**

- a. Brush painting
- b. Roller painting
- c. Stencil painting

- d. Spary painting
- e. Powder coating

## **6. Painting defects & Remedies**

- a. Chalking , Peeling, Blistering ,Wrinkling,  
Fading , Cracking ,Orange peel ,etc.

## **7. Quality testing for various paints and painted films**

- a. Viscosity, Dry film thickness , Weight per litre ,  
Gloss finsh , etc..

## **8. Basic computer knowledge**

- a. DTP
- b. Corel draw
- c. Photo shop

## **9. Safety precautions**

- a. Safety related to painting
- b. Personnel Protective Equipment
- c. Safety signs
- d. Colour code of different pipe lines

## **10. Allied trades**

- a. Carpentry hand tools and simple joints
- b. Sheet metal hand tools and simple joints
- c. Plumping hand tools and fittings