

Diploma in Paint Technology (DPT)

Duration: 1 Year (2 Semesters)**

Semester – I

S. No.	Paper Numerical Unique	Class & Papers	Paper Name / Subject
1	DPT101	1DPT1	Fundamentals of Paint Technology
2	DPT102	1DPT2	Chemistry of Pigments & Binders
3	DPT103	1DPT3	Surface Preparation & Coating Methods
4	DPT104	1DPT4	Tools, Equipment & Safety in Painting

Course Details (Semester – I)

- **Fundamentals of Paint Technology** – Introduction to paints, coatings, and applications.
 - **Chemistry of Pigments & Binders** – Types, composition, and chemical behavior of pigments.
 - **Surface Preparation & Coating Methods** – Cleaning, sanding, and priming techniques.
 - **Tools, Equipment & Safety in Painting** – Paint application tools and safety guidelines.
-

Semester – II

S. No.	Paper Numerical Unique	Class & Papers	Paper Name / Subject
1	DPT201	2DPT1	Industrial & Decorative Paints
2	DPT202	2DPT2	Color Mixing & Application

S. No.	Paper Numerical Unique	Class & Papers	Paper Name / Subject
			Techniques
3	DPT203	2DPT3	Paint Testing & Quality Control
4	DPT204	2DPT4	Project Work / Practical Training

Course Details (Semester – II)

- **Industrial & Decorative Paints** – Paints for construction, furniture, and automotive applications.
- **Color Mixing & Application Techniques** – Shades, matching, spray painting, and brushing.
- **Paint Testing & Quality Control** – Viscosity, gloss, adhesion, and durability testing.
- **Project Work / Practical Training** – Field training and project on real-world paint applications.