

# Printing Technology (PT)

## Paper-I

**Theory – 40**  
**Practical - 60**

### Unit-I

- Overview – Theoretical [Graphic Design/ Colour Management / Pre-press/Computer to Plate/Printing/Finishing]
- At Classroom [Basic Science & technology / Printing Process]

#### Practicals:

- Practical training at Factory
- Safety Measures
- Evaluation

### Unit.II

- Color Management
- Graphic Designing
- Computer to Plate
- Digital Printing

#### Practicals:

- Revision
- Practical at Workshop

### Unit.III

- Offset Printing
- Web Printing
- Gravure Printing
- Flexo Printing

#### Practicals:

- Silk Screen Printing

### Unit.IV

- Theoretical evolution
- Corrugated Box Manufacturing
- Basic Post Press Finishing

#### Practicals:

- Maintenance
- Testing Raw Materials
- Evaluation

## **Paper-II**

**Theory – 40**  
**Practical - 60**

### **Unit.I**

- Package Production
- Pressroom Consumables
- Newspaper Publication
- Corrugated Box Manufacturing
- Security Printing
- Maintenance
- Value Added Finishing .
- Theoretical knowledge
- Evaluation

### **Practicals:**

- Revision
- Practical at Workshop

### **Unit.II**

- Package Production
- Press Room consumables

### **Unit.III**

- Newspaper Publication/Editing
- Corrugated Box manufacturing

### **Unit.IV**

- Security Printing
- Value added finishing

### **Practicals:**

- Maintenance
- Technical Knowledge
- Evaluation