

# Diploma in Textiles (DTX)

**Duration: 1 Year (2 Semesters)**

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## Semester – I

S. No.	Paper Numerical Unique	Class & Papers	Paper Name / Subject
1	DTX101	1DTX1	Fundamentals of Textile Science
2	DTX102	1DTX2	Fiber Science & Yarn Technology
3	DTX103	1DTX3	Fabric Manufacturing (Weaving & Knitting)
4	DTX104	1DTX4	Dyeing & Printing Techniques

## Course Details (Semester – I)

- **Fundamentals of Textile Science** – History, scope, and application of textiles.
  - **Fiber Science & Yarn Technology** – Types of fibers, yarn formation methods.
  - **Fabric Manufacturing** – Basics of weaving, knitting, and nonwoven fabrics.
  - **Dyeing & Printing Techniques** – Natural & synthetic dyeing, block printing, screen printing.
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## Semester – II

S. No.	Paper Numerical Unique	Class & Papers	Paper Name / Subject
1	DTX201	2DTX1	Textile Finishing & Quality Control
2	DTX202	2DTX2	Traditional Textiles of India

<b>S. No.</b>	<b>Paper Numerical Unique</b>	<b>Class &amp; Papers</b>	<b>Paper Name / Subject</b>
3	DTX203	2DTX3	Textile Design & CAD
4	DTX204	2DTX4	Project Work / Internship

### **Course Details (Semester – II)**

- **Textile Finishing & Quality Control** – Fabric finishing methods, quality testing.
- **Traditional Textiles of India** – Handloom, khadi, banarasi, ikat, etc.
- **Textile Design & CAD** – Textile patterns, digital textile designing software.
- **Project Work / Internship** – Practical training and portfolio submission.