

## Diploma in Textile Engineering

<b>Eligibility</b>	S.S.C with Work Experience
<b>Duration</b>	1 - 3 Years
<b>Fees</b>	27,500.00
<b>Syllabus</b>	<p><b>Sem - I</b></p> <ol style="list-style-type: none"><li>1. Introduction to Textile Fibers - I</li><li>2. Basic Mathematics</li><li>3. Applied Chemistry</li><li>4. Applied Physics</li><li>5. Computer Fundamentals</li></ol> <p><b>Sem - II</b></p> <ol style="list-style-type: none"><li>1. Electronic Circuit Technology of Bleaching &amp; Dying</li><li>2. Fabric Manufacturing Technology</li><li>3. Fabric Structure &amp; Design</li><li>4. Introduction to Textile Fibers - II</li><li>5. Yarn Testing</li></ol> <p><b>Sem - III</b></p> <ol style="list-style-type: none"><li>1. In-plant Training</li><li>2. Advanced Knitting Technology</li><li>3. Technical Textile</li><li>4. Process Control in Fabric Manufacturing</li><li>5. Spinning Preparatory</li></ol> <p><b>Sem - IV</b></p> <ol style="list-style-type: none"><li>1. Advanced Fabric Manufacturing</li><li>2. Textronics</li><li>3. Quality Management</li><li>4. Yarn Technology</li><li>5. Textile Design &amp; Color</li></ol> <p><b>Sem - V</b></p> <ol style="list-style-type: none"><li>1. Textile Fibers</li><li>2. Chemical Processing &amp; Finishing</li></ol>

	<ol style="list-style-type: none"> <li>3. Textile Finishing</li> <li>4. Spinning</li> <li>5. Weaving</li> </ol> <p><b>Sem - VI</b></p> <ol style="list-style-type: none"> <li>1. Textile Machines &amp; Maintenance</li> <li>2. Modern Yarn Technology</li> <li>3. Textile Mill Planning &amp; Organization</li> <li>4. Quality Control in Textile</li> <li>5. Engineering Designs &amp; Textile Structures</li> </ol>
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### Bachelors Program in Textile Engineering

<b>Eligibility</b>	3 Years Diploma or HSC with 3 years Work Experience
<b>Duration</b>	1 - 4 Year
<b>Fees</b>	37,500.00
<b>Syllabus</b>	<p><b>SEM - I</b></p> <ol style="list-style-type: none"> <li>1. Engineering Mathematics</li> <li>2. Engineering Physics</li> <li>3. Engineering Chemistry</li> <li>4. Basics of Civil &amp; Mechanical Engineering</li> <li>5. Fundamental of Computer Programming</li> <li>6. Engineering Graphics</li> </ol> <p><b>SEM - II</b></p> <ol style="list-style-type: none"> <li>1. Engineering Mathematics II</li> <li>2. Environmental Science</li> <li>3. Basics of Electrical &amp; Electronics Engineering</li> <li>4. Polymer Science</li> <li>5. Basics of Mechanics</li> <li>6. Engineering Chemistry</li> </ol>

**SEM - III**

1. Engineering Mathematics III
2. Applied Mechanics
3. Spinning Technology
4. Engineering Design Concepts
5. Textile Fibers
6. Textile Machine Drawing

**SEM - IV**

1. Probability & Statistics
2. Spinning Technology II
3. Weaving Technology I
4. Textile Chemical Processing
5. Manmade Fibers
6. Theory of Machines

**SEM - V**

1. Structure & Properties of Textile Fibers
2. Weaving Technology II
3. Knitting Technology
4. Textile Chemical
5. Dying & Printing
6. Textile Testing

**SEM - VI**

1. Maintenance Management
2. Quantitative Methods in Textiles
3. Garment Technology
4. Nonwoven Technology
5. Fabric Structure & Design
6. Pattern Making

**SEM- VII**

1. Engineering economics
2. Technical textile - I
3. Process & quality control in spinning & weaving
4. Textile Industry & Mill Management
5. Textile Product Development
6. Post Spinning Operation

	<b>SEM- VIII</b> <ol style="list-style-type: none"> <li>1. Texturing Technology</li> <li>2. Advance Theory of Textile Structure</li> <li>3. Technical Textile – II</li> <li>4. High Performance &amp; Specialty Fiber</li> <li>5. Mill Management, Layout &amp; Economics</li> <li>6. Advance Dyeing &amp; Printing Technology</li> </ol>
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### Master Program in Textile Engineering

<b>Eligibility</b>	Graduate or Diploma with 5 years of Work Experience
<b>Duration</b>	1 - 2 Year
<b>Fees</b>	34,500.00
<b>Syllabus</b>	<ol style="list-style-type: none"> <li>1. Elements of Material Science</li> <li>2. Textile Fibers</li> <li>3. Introduction to Textile - I</li> <li>4. Theory of Textile Structure - I</li> <li>5. Mixing &amp; Blow-Room</li> <li>6. Weaving</li> <li>7. Textile for Interiors</li> </ol> <p><b>SEM - II</b></p> <ol style="list-style-type: none"> <li>1. Draw Frame &amp; Comber</li> <li>2. Introduction to Textile - II</li> <li>3. Engineering Chemistry</li> <li>4. Textile Finishing</li> <li>5. Roving, Ring Frame &amp; Spinning of Manmade Fibers</li> <li>6. Textured Yarn Technology</li> <li>7. Theory &amp; Design of Weaving Machinery</li> </ol> <p><b>SEM - III</b></p> <ol style="list-style-type: none"> <li>1. The Textile Industry</li> <li>2. Natural Fibers</li> <li>3. Fiber Characteristics</li> </ol>

4. Yarn & Sewing Threads
5. Woven Fabrics
6. Knitted Fabrics
7. Textile Dying

**SEM - IV**

1. Textile Printing
2. Textiles & Design
3. Unconventional Weaving
4. Engineering Properties of Textile Materials
5. Theory of Textile Structure - II
6. Carding
7. Specialization