Diploma in Textile Engineering

Eligibility	S.S.C with Work Experience
Duration	1 - 3 Years
Fees	27,500.00
Syllabus	1. Introduction to Textile Fibers - I 2. Basic Mathematics 3. Applied Chemistry 4. Applied Physics 5. Computer Fundamentals **Sem - II** 1. Electronic Circuit Technology of Bleaching & Dying 2. Fabric Manufacturing Technology 3. Fabric Structure & Design 4. Introduction to Textile Fibers - II 5. Yarn Testing **Sem - III** 1. In-plant Training 2. Advanced Knitting Technology 3. Technical Textile 4. Process Control in Fabric Manufacturing 5. Spinning Preparatory **Sem - IV** 1. Advanced Fabric Manufacturing 2. Textronics 3. Quality Management 4. Yarn Technology 5. Textile Design & Color **Sem - V** 1. Textile Fibers 2. Chemical Processing & Finishing 3. Textile Finishing

	4. Spinning 5. Weaving **Sem - VI** 1. Textile Machines & Maintenance 2. Modern Yarn Technology 3. Textile Mill Planning & Organization 4. Quality Control in Textile 5. Engineering Designs & Textile Structures

Bachelors Program in Textile Engineering

Eligibility	3 Years Diploma or HSC with 3 years Work Experience
Duration	1 - 4 Year
Fees	37,500.00
Syllabus	1. Engineering Mathematics 2. Engineering Physics 3. Engineering Chemistry 4. Basics of Civil & Mechanical Engineering 5. Fundamental of Computer Programming 6. Engineering Graphics **SEM - II** 1. Engineering Mathematics II 2. Environmental Science 3. Basics of Electrical & Electronics Engineering 4. Polymer Science 5. Basics of Mechanics 6. Engineering Chemistry **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

SEM- VIII

1. Texturing Technology
2. Advance Theory of Textile Structure
3. Technical Textile – II
4. High Performance & Specialty Fiber

	5. Mill Management, Layout & Economics 6. Advance Dyeing & Printing Technology

Master Program in Textile Engineering

Eligibility	Graduate or Diploma with 5 years of Work Experience
Duration	1 - 2 Year
Fees	34,500.00
Syllabus	1. Elements of Material Science 2. Textile Fibers 3. Introduction to Textile - I 4. Theory of Textile Structure - I 5. Mixing & Blow-Room 6. Weaving 7. Textile for Interiors **SEM - II** 1. Draw Frame & Comber 2. Introduction to Textile - II 3. Engineering Chemistry 4. Textile Finishing 5. Roving, Ring Frame & Spinning of Manmade Fibers 6. Textured Yarn Technology 7. Theory & Design of Weaving Machinery **SEM - III** 1. The Textile Industry 2. Natural Fibers 3. Fiber Characteristics 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