

## **B-Tech Degree- Textile Engineering**

### **Semester I**

- 1 Mathematics-I
- 2 Chemistry
- 3 English Communication-I
- 4 Electrical Technology
- 5 Mechanics
- 6 Introduction to Manufacturing Process
- 7 Constitution of Indian Politics & Ethics
- 8 Chemistry Practical
- 9 Electrical Technology Practical

### **Semester II**

- 1 Mathematics-II
- 2 Applied Physics
- 3 Fundamentals of Computers
- 4 Basic Electronics
- 5 Engineering Drawing and Graphics
- 6 English Communication-II
- 7 Environmental Studies
- 8 Applied Physical Practical
- 9 Basic Electronics Practical

### **Semester III**

- 1 Engineering Mathematics
- 2 Organic Chemistry
- 3 Basics of Mechanical Engg.
- 4 Instrumental Method of Analysis
- 5 Physical Chemistry
- 6 Basic of Mechanical Engg. Lab
- 7 Instrumental method of Analysis Lab

### **Semester IV**

- 1 Basics of Electrical Engineering
- 2 Probability & Technology
- 3 Spun Yarn Technology
- 4 Fabric Manufacture Technology
- 5 Fabric Structure –I
- 6 Electrical Engineering Lab
- 7 Fibre Science Lab-I

### **Semester V**

- 1 Knitting Technology
- 2 Fabric Structure
- 3 Spinning Process & Quality Control
- 4 Principles of Management
- 5 Textile Costing
- 6 Communication Skills Lab
- 7 Fibre Science Lab-II

### **Semester VI**

- 1 Textile Quality Evolution
- 2 Textile Chemical Processing-I
- 3 Professional Ethics & Engineering
- 4 Garment Technology
- 5 Total Quality Management
- 6 Textile Quality Evolution Lab
- 7 Knitting & Garment Lab

### **Semester VII**

- 1 Quality Assurance in Fabric Manufacture
- 2 Textile Chemical Processing-II
- 3 Woven Fabric Structure
- 4 Elective -I
- 5 Elective-II
- 6 Cloth Analysis
- 7 Textile Chemical Processing Lab

### **Semester VIII**

- 1 Mechanics of Textile Machinery
- 2 Elective –III
- 3 Elective- IV
- 4 Production Process Lab
- 5 Project

### **Elective**

- 1 Bonded Fabrics
- 2 Quality Assurance in Chemical Engineering
- 3 Silk Yarn Technology
- 4 Textured Yarn Technology

### **Elective**

- 1 Mechanics of Textile Structure
- 2 Fashion Art& Design
- 3 Apparel Production Control
- 4 Computer Technology for Textile