

GUJARAT TECHNOLOGICAL UNIVERSITY

B.E Semester: 4 Textile Technology

Subject Code 142903
Subject Name Textile Processing-II

Sr.No	Course contents
1.	Finishing: Object of finishing, Types of finishing, temporary and durable finishing, Details of processes and machine like stenters, clalendering, stretching and anti- shrink.
2.	Printing: Details of process and machines used for printing like block, printing, screen printing (table and automatic) Roller Printing, Rotary printing, Transfer printing etc. Details of Ageing and different types of Agers used like M & P rapid ager, Loop agers and high pressure steamers Engraving of rollers and basic idea of manufacturing of screens for table and rotary printing. Printing of fabric by different styles. Printing of Polyester and its blend with cellulosic fibres.
3.	Identification of fibres by physical or chemical methods. Process control at each process, Inspection finished clothes– causes of damages and their remedies.

Reference Books:

1. Technology of Printing - Dr. V.A .Shenai
2. Technology of Finishing- Dr. V.A .Shenai
3. A handbook of.Textile Finishing- A.J. Hall