

GUJARAT TECHNOLOGICAL UNIVERSITY

B.E Semester: 3 Textile Technology

Subject Code 132904
Subject Name Textile Processing –I

Sr.No	Course contents
1.	General idea about wet processing, function of each department. Flow of fabric from one department to another department.
2.	Object, process details and properties of end product for various processes such as bleaching, stitching, brushing, shearing, singeing, desizing, washing, pressure mangling, drying etc. Machines used for various processes.
3.	Bleaching of blends of cellulosic fibres with polyester.
4.	Different classes of dyes and their suitability to various fibres. Dyeing machines for loose fibres, yarns and fabric package dyeing machines, such as Jigger, Winch dyeing m/c. padding mangles, beam dyeing m/c etc. continuous dyeing m/c.
5.	Dyeing of polyester cellulosic blends, carrier dyeing, High temperature dyeing, etc.
6.	New developments in bleaching, scouring, dyeing etc.

Reference Books:

1. Technology of bleaching- Dr. V.A.Shenai.
2. Technology of Dyeing - Dr. V.A.Shenai.
3. An introduction to textiles, Volume-IV textile wet processing- D.J.Hill