

# GUJARAT TECHNOLOGICAL UNIVERSITY

## B.E Semester: 3 Textile Production

Subject Code 132802

Subject Name Elements of Textile Technology and Processing

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Sr.No	Course contents
1.	Introduction to Spinning Processes :- Blow room, Card, Draw frame, Lap former, Comber, Speed frame, Ring frame, Doubling & Reeling. Function passages of Spinning processes.
2.	Introduction to Weaving Processes :- Winding, warping, Sizing, Pirm Winding, Loom shed & Grey folding, Type of weaves. Functions & important motions of weaving processes.
3.	Chemical Processing & Finishing :- Scouring, Bleaching, Mercerising, Singeing, Dyeing, Printing, Calendering, Stentering, Press Finish, etc.

### Reference Books:

1. Cotton Spinning - ATIRA
2. Plain Weaving Motions - Aswani
3. Watson's Textile Design & Colour - Grosicki
4. Fundamental Principles Of Textile Processing – Shenai