

GUJARAT TECHNOLOGICAL UNIVERSITY
B. E. SEMESTER: V
TEXTILE TECHNOLOGY

Subject Name: **Weaving – III**

Subject Code: **152902**

Teaching Scheme				Evaluation Scheme		
Theory	Tutorial	Practical	Total	University Exam (Theory) (E)	Mid Sem Exam (Theory) (M)	Practical (I)
4	0	2	6	70	30	50

Sr. No.	Course content
1.	Ordinary & cross border jacquards & their Harness ties, Casting out, Card cutting, Introduction & mechanisms of high speed single shuttle auto-looms-cop change and shuttle change loom, Box loader & loom winder, Essential requirements for weaving of blended & filament yarns. Fancy weaving, Leno, Terry mechanism, Recent developments.

Practical:

Based as per the syllabus prescribed.

Term Work:

This shall consist of practical work done during practicals & recorded in the journal.

Reference Books:

1. Principles of Weaving, Marks & Robinson.
2. Automatic Weaving, A. S. Wagh.
3. Weaving Machine Mechanism & Mgt., Talukdar & Ajgaonkar.
4. Auto Looms, TAIRO.
5. Automatic Weaving, J. B. Atiken.
6. The Mechanism of Weaving, Thomas W. Fox.