

GUJARAT TECHNOLOGICAL UNIVERSITY

DIPLOMA IN TEXTILE MANUFACTURING TECHNOLOGY

SEMESTER: V

Subject Name: **Advance Weaving Practice**

Experience Type	Sr.No	Course content
Practice	1.	Study of passage of weft insertion mechanism in projectile loom.
	2.	Set the torsion bar picking motion of projectile loom.
	3.	Set the beating-up and selvedge formation in projectile loom.
	4.	Study the weft insertion in Rapier loom. (a) Dewas system (b) Gabler system
	5.	Adjust the shed formation in Rapier loom.
	6.	Set the pick insertion in Air-jet loom. (a) Relay nozzle type (b) Confusor type
	7.	Study the passage of weft through Air-jet loom.
	8.	Study the passage of weft insertion in water jet loom.
	9.	Study the multiphase loom mechanism.
	10.	(a) Set the formation of Triaxial Weaving and shedding through chart. (b) Prepare Triaxial weaves.
Preperation of Model and / or Chart	11.	Individually or in a group, prepare subject related model and /or chart. This has to be proposed by student/s and has to be approved by teacher.
Paper Presentation and Seminar Presentation and Group Discussion	12.	a) 10 minutes individual seminar presentation on given topic. b) Group discussion on given topic.
Assignment	13.	Solve given assignments
Indusrial Visit	14.	Visit at least 2 related industries