

# GUJARAT TECHNOLOGICAL UNIVERSITY

## DIPLOMA IN TEXTILE MANUFACTURING TECHNOLOGY

### SEMESTER: V

Subject Name: **Advance Spinning Practice**

<b>Experience Type</b>	<b>Sr. No</b>	<b>Course content</b>
Practice	1.	Study important features of Open End Spinning assembly.
	2.	Study important features of Air jet spinning
	3.	Study important features of Cover spinning process
	4.	Study important features of Twist less spinning.
	5.	Study important features of Rotor spinning
	6.	Set the yarn production on Rotor spinning
	7.	Set the various devices in Rotor spinning.
	8.	Set the draft, twist and speed in Rotor spinning.
	9.	Obtain important features of Friction spinning. DREF-I, DREF-II, DREF-III, P.S.L.
	10.	Study important features of Modern Blow room machine and chute Feeding.
	11.	Study important features of Modern Carding, Combing, Draw frame, Fly frame and Ring frame process.
	12.	Study important features of Auto levelers in card & draw frame
Preperation of Model and / or Chart	13.	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	14.	a) 10 minutes individual seminar presentation on given topic.  b) Group discussion on given topic.
Assignment	15.	Solve given assignments
Indusrial Visit	16.	Visit at least 2 related industries