

VEER NARMAD SOUTH GUJARAT UNIVERSITY

B.E. III (TEXTILE TECHNOLOGY) Semester -VI

TT - 602 WEAVING - III

Teaching Scheme : (No. Of Contact Hrs.)			Theory Exams		Prac./Quiz/Viva/Exam		Grand Total
Theory	Tut.	Pract.	Duration (Hrs)	Marks	Sem. End Exam.	Cont.Int. Evaluation	
3	0	4	3	100	30	20	150

Theory:

(1) Jacquards
Singl Lift Single Cylinder Jacquard, Single Lift Double Cylinder, Double Lift Double Cylinder Jacquard, Cross Border Jacquard their adv & disadv & timing, settings of Jacquards.

Harness mounting - London System, Norwich System
Tie ups - straight, centre, border & middle, compound tie up.
Relay and Relay stop motions, Card cutting and lacing, Sketching & Designing Piano card cutting Machine - Method of card cutting

Terry mechanisms

(2) Automatic Looms
General introduction . Pirn changing auto looms-mechanisms
Shuttle changing auto looms - continuous working type, stop start type.
Comparison / advantages & disadvantages of auto loom over plain power loom
warp stop motion - Electrical
- Mechanical
- Electronics
Feeder mechanisms-Different types, Transfer mechanisms, Weft Thread cutter - positive let off motion - different types, centre weft fork motion - types.

(3) General features of (a) Cop changing looms
(b) Shuttle changing looms
Comparison of positive, negative, Semi positive let off motion.

Practical:

This shall be based on the prescribed syllabi

Term work :

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