

# VEER NARMAD SOUTH GUJARAT UNIVERSITY

## B. E. III (TEXTILE PROCESSING) Semester - VI

### TP - 605, TEXTILE TESTING - I

Teaching Scheme (No. Of Contact hr.)			Theory Exam		Practical/Quiz/Viva Exam		Grand Total
			Duration (hr.)	Marks	Sem. End Exam	Cont. Int. Evaluation	
Theory	Tut.	Pract.					
3	-	4	3	100	30	20	150

#### Theory

1. Aim and scope of testing. Introduction to textile testing, sample and sorting of fibres. The estimation of population characteristics from samples and the use of confidence intervals. Determination of number of tests to be carried out to give chosen degree of accuracy. Significance testing of means, quality control chart and their interpretation.
2. Measurement of length, fineness and crimp of fibres.
3. Determination of foreign matter, maturity, moisture regain, moisture content of fibres.
4. Fibre Identification.
5. Measurement of twist, count, Hairiness of yarn, yarn numbering systems and conversions.

#### Practical

This shall be based on prescribed syllabi.

#### Term work

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

#### References :-

01.	Principles Of Textile Testing	Booth J.E.
02.	Textile Testing	Angappan
03.	Hand Book Of Textile Testing & Quality Control	Grover