

VEER NARMAD SOUTH GUJARAT UNIVERSITY

SCHEME OF TEACHING

Semester - VIII

B. E. IV (TEXTILE PROCESSING)

TP - 801, QUALITY CONTROL IN WET PROCESSING

Teaching Scheme			Theory Exam		Practical/Quiz/Viva Exam		Grand Total
(No. Of Contact hr.)			Duration (hr.)	Marks	Sem. End Exam	Cont. Int. Evaluation	
Theory	Tut.	Pract.					
4	-	3	3	100	45	30	175

Theory

1. Object Of Process Control :

Importance, Advantages and Functions. Process control Measure in Bleaching, Dyeing, Printing and Finishing. Important tests to control the processing parameters.

2. Object Of Quality Control :

Difference between quality control and process control. Control Staff with Management and fellow Technicians in production department. Quality control organization and expansion. Responsibilities and relation of Quality Major areas and important key part in wet processing w. r. t. Quality Control. Important tests and consumption norms at various stages of processing w. r. T. Quality Control.

3. Elements of Instrumentation, Various instruments to measure pressure, temperature, flow and other process controlling operations.

4. Inspection and Analysis of Finished goods. Inspection of Faults & Damages. Causes and classification of faults & damages Precautions & Remedies

5. Fastness properties of dyed and printed fabrics.- Different types like Washing fastness, Light fastness, Rubbing fastness, Perspiration fastness, Scrubbing fastness etc.

6. Cost Control in wet processing by recipe formulation , optimization of parameters, Selection of raw materials etc.

7. Implementations of ISO 9000 series.

References :-

01.	Process House Laboratory	Luthra & Bapu Deshpande
02.	Textile Mills In The Changing Environment	Gulrajani - The Textile Association, 1982
03.	Towards Zero Defects	Amubhai Patel- Meena Publishers, 1974.
04.	Process & Quality Control In Chemical Processing Of Textiles	S. V. Gokhle & J. R. Modi., - ATIRA pub., 1992.