

# GUJARAT TECHNOLOGICAL UNIVERSITY

## B.E. SEMESTER : VIII

### TEXTILE PRODUCTION

Subject Name: **QUALITY CONTROL IN WET PROCESSING**

<b>Sr. No.</b>	<b>Course Contents</b>	<b>Total Hrs</b>
<b>1.</b>	Object Of Process Control: Importance, Advantages And Functions Of Process Control. Process Control Measure In Bleaching, Dyeing, Printing And Finishing. Important Tests To Control The Processing Parameters.	<b>09</b>
<b>2.</b>	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.	<b>11</b>
<b>3.</b>	Elements Of Instrumentation, Various Instruments To Measure Pressure, Temperature, Flow And Other Process Controlling Operations.	<b>09</b>
<b>4.</b>	Inspection And Analysis Of Finished Goods. Inspection Of Faults & Damages. Causes And Classification Of Faults & Damages Precautions & Remedies	<b>09</b>
<b>5.</b>	Fastness Properties Of Dyed And Printed Fabrics: Different Types Like Washing Fastness, Light Fastness, Rubbing Fastness, Perspiration Fastness, Scrubbing Fastness Etc.	<b>10</b>

**Practical:**

This shall be based on prescribed syllabi.

**Text Books:**

<b>Sr. No.</b>	<b>Title</b>	<b>Author</b>
1.	Process House Laboratory	Luthra & Bapu Deshpande

**Reference Books:**

<b>Sr. No.</b>	<b>Title</b>	<b>Author</b>
1.	Textile Mills In The Changing Environment	Gulrajani
2.	Towards Zero Defects	Amubhai Patel
3.	Process & Quality Control In Chemical Processing Of Textiles	S.V. Gokhle & J.R. Modi