

GUJARAT TECHNOLOGICAL UNIVERSITY, AHMEDABAD, GUJARAT**COURSE CURRICULUM
COURSE TITLE: SEMINAR
(COURSE CODE: 3362805)**

Diploma Programme in which this course is offered	Semester in which offered
Textile Processing Technology	SIXTH

1. RATIONALE

It is essential to upgrade knowledge of rapidly developing Textile Processing Technology with practical and communication aspect. In planning this course, it was decided to develop practical as well as creativity and overall personality development by means of presentation and model preparation.

2. LIST OF COMPETENCIES

The course content should be taught and implemented with the aim to develop different types of skills leading to the achievement of the following competencies-

“Prepare and Present information in textile processing area before audience by gaining knowledge from various sources- internet, social media, technical magazine, research papers, journals, industry visits, etc.”

Student can refer and gain knowledge of fast zooming Textile Processing Technology areas by searching various sources like internet, social media, technical magazine, research papers, journals, industry visits, etc. By preparing models and/or presenting gained information in seminar, students can improve communication, develop personality and improve interpersonal skills.

3. COURSE OUTCOMES

1. Gain knowledge of fast and rapidly changing Textile processing technology by self learning.
2. Develop articles and presentation materials on Textile Processing Technology.
3. Develop the interpersonal skills, presenting skills, soft skills and creativity.

4. TEACHING AND EXAMINATION SCHEME

Teaching Scheme (In Hours)			Total Credits (L+T+P)	Examination Scheme				Total Marks
L	T	P		Theory Marks		Practical Marks		
			C	ESE	PA	ESE	PA	
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Legends: L-Lecture; T – Tutorial/Teacher Guided Student Activity; P - Practical; C – Credit;; ESE - End Semester Examination; PA - Progressive Assessment.

5. DETAILED COURSE CONTENTS

Sr. No.	Details
01	The Seminar Subject is an essential component of the curriculum of Diploma in Textile Processing Technology (DTPT) Programme. In current scenario, it is a prime requirement for a student to find out the new area/ field/Topic/Subject of his own branch which has been recently and successfully researched or at the final stage of research or at the final stage of transferring to the bulk production scale from the success of Laboratory scale.
02	Total 04 hrs of Tutorials / week are to be allotted as a workload for his seminar. The Students will work in a group of at least 04 students. The batch size of the students will be of $15+01(10\%) = 16$.
03	The students have to finalize a Topic for their group of 04 students. Out of 04 hrs Tutorial/week, they have to survey and study for the Topic / Subject from Library / Internet / Research Institute / Association / Textile Testing and Chemical Laboratory or Textile Processing Industries for 02 hrs/week and they have to discuss about the survey and study of their Topic / Subject with the pre-decided Internal Guide of that particular group or batch 02 hrs/week
04	This Subject will carry Total 150 marks as under:+ 4.1 All the groups have to prepare a seminar report covering their literature survey on any of following areas: <ul style="list-style-type: none"> ✓ Description of processes, ✓ Construction of equipment, ✓ New Technologies ✓ Case study,

	<ul style="list-style-type: none"> ✓ Modifications ✓ Innovations ✓ New Designs ✓ New products ✓ New processes, ✓ Problems & solutions <p>Power point slide, figures, Sketches etc. should be prepared and presented before audience.</p> <p>Hard copies/ samples/models should be submitted at the end of the semester / Term to their guide.</p> <p>The weightage of this report submission will carry 100 marks as an progressive assessment (PA).</p> <p>4.2 The Student will be evaluated from their seminar work, report and Oral/viva Examination by ONE External Examiner deputed by GTU and ONE Internal Examiner. The students have to present their seminar at least for 15 minutes in presence of both the examiners, all the faculty members and all the students of this class. They can use Video Projector to display their Power point slides while presenting their Seminar, if they want. The assessment will carry 50 marks as an END SEMESTER EXAM (ESE)</p>
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6. SUGGESTED LIST OF PROPOSED STUDENT ACTIVITIES

Following is the list of proposed student activities (related to their selected topic) like:

- I. Literature survey.
- II. Collection and Study of data.
- III. Group discussion.
- IV. Power point Presentation.

7. SPECIAL INSTRUCTIONAL STRATEGY

- I. Visual demonstration.
- II. Self assignment.
- III. Guest lecturers from industry experts for contemporary practices of industries.

8. COURSE CURRICULUM DEVELOPMENT COMMITTEE

- Prof. J H Thakker, I/c. Head, Textile Processing Dept., R C Technical Institute, Sola, Ahmedabad.
- Prof. R G Patel, I/c. Head, Textile Processing Dept., Dr. S & S S Ghandhy College of Engg. & Tech., Surat.

- Prof. R M Pandya, Lecturer, Textile Processing, Dr. S & S S Ghandhy College of Engg. & Tech., Surat
- Prof. D D Vyas, Adhoc Lecturer, Textile Processing Dept., Dr. S & S S Ghandhy College of Engg. & Tech., Surat

Coordinator & Faculties from NITTTR Bhopal

- **Dr. C. K. Chugh**, Professor DME
- **Prof. S. K. Gupta**, Professor and coordinator for state of Gujarat