

**VIGNAN'S**

Foundation for Science, Technology & Research

(Deemed to be University)

Estd. u/s 3 of UGC Act 1956

DEPARTMENT OF CHEMICAL ENGINEERING**Action Taken Report on B. Tech Textile Technology Program R 16 Feedback
Implemented in R19 introduced in the AY 2019 - 20****Action taken based on the suggestions from Students:**

- Q1 Course Contents of B.Tech – Textile Technology Curriculum are in tune with the Program Outcomes.
- Q2 Course Contents designed to enable skills and knowledge required for spinning, weaving, knitting, processing and garment industries.
- Q3 Courses placed in the B.Tech – Textile Technology curriculum serves the needs of both Advanced and Average learners
- Q4 Contact Hour Distribution among the various Course Components (LTP) is Satisfiable
- Q5 Electives have enabled the passion to learn new technologies in emerging areas
- Q6 B.Tech – Textile Technology Curriculum providing opportunity towards Self learning to realize the expectations
- Q7 Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and appropriate in B.Tech – Textile Technology curriculum.
- Q8 No. of Laboratory sessions sufficient to improve the technical skills
- Q9 Sufficient courses available to improve technical competency and leadership skills among the students.

Analysis of Overall Feedback given by the Students on R 16

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	58.5	30.1	7.7	3.3	0.5	4.431	Excellent
Q2	57.4	30.1	7.1	3.3	2.2	4.375	Excellent
Q3	50.3	35	9.3	1.6	3.8	4.264	Excellent
Q4	31.7	49.2	15.3	2.2	1.6	4.072	Excellent
Q5	51.4	31.7	7.7	4.9	4.4	4.211	Excellent
Q6	53	34.4	7.1	1.1	4.4	4.305	Excellent
Q7	25.7	54.6	15.3	2.2	2.2	3.994	Very Good
Q8	40.4	31.1	17.5	7.1	3.8	3.969	Very Good
Q9	47.5	29	12.6	9.3	1.6	4.115	Excellent

Itemized responses given to the Suggestions of Students

Suggestion: Add industry based courses and offer add on courses on emerging technologies.

Action Taken: Added industry based courses and offered add on courses on emerging technologies.

Suggestion: Offering Minor programme in the curriculum is innovative.

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Action Taken: Minor project has been added in the core Textile subjects.

Suggestion: Need to add more core subjects in department elective.

Action Taken: More textile subjects have been added in the department elective.

Suggestion: Need to add industry based courses and offer add on courses on emerging technologies.

Action Taken: Included Programming Course like Python programming.

Action taken based on the suggestions from Alumni:

Q1	B.Tech – Textile Technology Curriculum has paved a good foundation in understanding the basic engineering concepts
Q2	Course Contents of Curriculum in tune with the Program Outcomes
Q3	B.Tech – Textile Technology Curriculum imparted all the required Job Oriented Skills for its core and allied industries?
Q4	Professional and Open Electives of B.Tech – Textile Technology Curriculum served the technical advancements needed to serve in the industry
Q5	The activities, experiments planned during laboratory sessions are sufficient in the curriculum
Q6	Are you in a position to compete with your peers from other Universities
Q7	Current Regulation Curriculum is superior than your studied Curriculum

Analysis of Overall Feedback given by the Alumni on R 16

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	38.5	38.5	23.1	0	0	4.158	Excellent
Q2	30.8	30.8	38.5	0	0	3.927	Very Good
Q3	23.1	76.9	0	0	0	4.231	Excellent
Q4	15.4	69.2	15.4	0	0	4	Excellent
Q5	46.2	46.2	7.7	0	0	4.389	Excellent
Q6	7.7	69.2	7.7	15.4	0	3.692	Very Good
Q7	23.1	61.5	15.4	0	0	4.077	Excellent

Itemized responses given to the suggestions of Alumni

Suggestion: Practical Exposure has to be more concentrated.

Action Taken: More lab hours provided to students for the practical exposure.

**Action taken based on the suggestions from Faculty:**

- Q1 : Course Contents of B.Tech – Textile Technology Curriculum are in tune with the Program Outcomes.
- Q2 : Course Contents of B.Tech – Textile Technology enhances the Problem Solving Skills and Core competencies
- Q3 : Allocation of Credits to the Courses are appropriate.
- Q4 : Contact Hour Distribution among the various Course Components (LTP) are appropriate.
- Q5 : Electives cover the frontier technologies in the field of textiles, Apparels And allied industries.
- Q6 : Curriculum providing opportunity towards Self learning to realize the expectations
- Q7 : Composition of Basic Sciences, Engineering, Humanities and Management Courses are appropriate.
- Q8 : laboratory sessions sufficient to improve the technical skills of students
- Q9 : Sufficient courses available to improve the technical competency and leadership skills among the students.

Analysis of Overall Feedback given by the Faculty on R 16

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	30.8	19.2	50	0	0	3.808	Very Good
Q2	34.6	30.8	34.6	0	0	4	Excellent
Q3	42.3	42.3	15.4	0	0	4.269	Excellent
Q4	42.3	23.1	34.6	0	0	4.077	Excellent
Q5	30.8	30.8	38.5	0	0	3.927	Very Good
Q6	26.9	46.2	26.9	0	0	4	Excellent
Q7	30.8	46.2	23.1	0	0	4.081	Excellent
Q8	46.2	46.2	7.7	0	0	4.389	Excellent
Q9	42.3	23.1	34.6	0	0	4.077	Excellent

Itemized responses given to the suggestions of Faculty

Suggestion: Introduction of new technologies as part of curriculum.

Action Taken: Included Programming course like Python programming.

Suggestion: Add major industry related topics for increasing knowledge of students in apparel industry.

Action Taken: Added major subjects related to the oil and apparel industry.

**Action taken based on the suggestions from Employers:**

- Q1** Course Contents of B.Tech – Textile Technology Curriculum are in tune with the Program Outcomes.
- Q2** Course Contents designed to enable skills and knowledge required for spinning, weaving, knitting, processing and garment industries.
- Q3** Professional Electives and Open Elective are in-line with the technological advancements.
- Q4** Curriculum imparted all the required Skills for Textile, Garment and Allied industry.
- Q5** Problem Solving and Soft Skills acquired by the students through the course contents will enable them to be placed in MNC

Analysis of Overall Feedback given by the Employers on R 16

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	29.4	52.9	17.6	0	0	4.114	Excellent
Q2	47.1	29.4	23.5	0	0	4.236	Excellent
Q3	41.2	35.3	23.5	0	0	4.177	Excellent
Q4	29.4	23.5	47.1	0	0	3.823	Very Good
Q5	35.3	41.2	23.5	0	0	4.118	Excellent

Itemized responses given to the suggestions of Employers

Suggestion: Give the exposure to the students to use the software in textile industry.

Action Taken: Included Programming course such as Fashion CAD for the exposure to the students to use the software in garment CAD and fabric CAD.

Suggestion: The curriculum is good but adds more industry related subjects.

Action Taken: Added major industry related topics for increasing knowledge of students in textile and apparel industry.



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Action taken based on the suggestions from Parents:

- Q1** Course Contents of B.Tech – Textile Technology Curriculum are in tune with the Program Outcomes.
- Q2** B.Tech – Textile Technology Curriculum helped improving technical knowledge acquired by your son / daughter in our University
- Q3** B.Tech – Textile Technology Curriculum helped improving Academic, Emotional Progression of your son / daughter in our University
- Q4** Proficiency of your son / daughter is on par with the students from other Universities/Institutes
- Q5** Course Contents designed to enable skills and knowledge required for spinning, weaving, knitting, processing and garment industries.

Analysis of Overall Feedback given by the Parents on R 16

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	45	26.7	28.3	0	0	4.167	Excellent
Q2	40	30	30	0	0	4.1	Excellent
Q3	26.7	45	28.3	0	0	3.984	Very Good
Q4	18.3	40	41.7	0	0	3.766	Very Good
Q5	36.7	23.3	40	0	0	3.967	Very Good

Suggestion: It is better to provide internship facility to students from sixth semester onwards.

Action Taken: Internship has been provided from sixth semester onwards.

Head of the Department

HEAD

Department of Chemical Engineering

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VADILAKSHMI-522 213, A.P, INDIA