



DEPARTMENT OF CHEMICAL ENGINEERING
B. TECH – TEXTILE TECHNOLOGY
Curriculum Design and Monitoring Committee

Minutes of Meeting

Date: 07-03-2016

The members of Curriculum Design and Monitoring Committee for B.Tech - Textile Technology programme met on 07-03-2016 at VGF09, 'H' block. The following members attended the meeting.

S.No	Members	Designation	Signatures
1.	Dr. M. Ramesh Naidu Professor & Head	Chairman, CDMC	
2.	Mr. Md. Vaseem Chavhan	Member	
3.	Mr. Ch. Govardhana Rao	Member	
4.	Mr. Siva Jagadish Kumar. M	Member	

Agenda of the meeting

Analysis of the feedback collected from various stakeholders such as Alumni, Employers, Faculty, Parents and Students during the academic year 2015-16.

The following are the important points of analysis obtained from various stakeholders:

The feedback analysis reveals that laboratory sessions help to improve the student's technical skills and the courses placed in the curriculum supports both the advanced learners as well as slow learners.

Employers suggested that, curriculum to provide more practical knowledge for all the students and Train them initially at the campus before coming to industry.

Alumni suggested that, Need for specialized subjects to meet the current demands of industry

Faculty suggested that, Credits should be given for NPTEL certification courses.

Parents suggested that, Communication skills need to be improved.

Students suggested the following

- i. More weightage for projects
- ii. Additional training is required to improve Employability skills



Times to time meetings were conducted at the department level to leverage new and advanced techniques to combat the learning difficulties of the students by considering their Employer's feedback.

The feedback analysis reveals that laboratory sessions help to improve the student's technical skills and the courses placed in the curriculum supports both the advanced learners as well as slow learners.


Detailed feedback analysis report is enclosed as Annexure-I

Chairman – CDMC has briefed the draft curriculum to the members. (R16 Curriculum)

Following are the changes suggested by members of CDMC in the revised curriculum course structure,

- (a) Many of theory courses are integrated with laboratory to improve the practical knowledge.
- (b) Reduce the credits, as major institutions are offering below 200 credits, it will give the time to self-learning.
- (c) Offer courses related to life skills and employability skills.
- (d) Incorporate *Modular Course* to expose the students in industry prospective and suggested to invite industry person to offer it.
- (e) Introduce *Minor Projects* in all courses to enhance practical skills.

The outcomes of the meeting will be placed before the BoS for further discussion and recommendations.


Chairman, CDMC



Annexure 1

Feedback from Alumni 2015-16 (Academic Year) - UG – B. Tech (TT)

The result derived in terms of percentage of Alumni with common views, average score, and ratings is presented in Table 1.

Table 1: Analysis of feedback from Alumni 2015–16

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	33.3	50	16.7	0	0	4.166	Excellent
Q2	50	33.3	16.7	0	0	4.333	Excellent
Q3	50	33.3	16.7	0	0	4.333	Excellent
Q4	50	33.3	16.7	0	0	4.333	Excellent
Q5	33.3	50	16.7	0	0	4.166	Excellent
Q6	33.3	33.3	16.7	16.7	0	3.832	Very Good
Q7	50	16.7	16.7	16.7	0	4.003	Excellent

- 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

Parameter 'B.Tech – Textile Technology Curriculum has paved a good foundation in understanding the basic engineering concepts' is rated Excellent with average rating as 4.166.

Parameter 'Course Contents of Curriculum in tune with the Program Outcomes' is rated Excellent with average rating as 4.333.

Parameter 'B.Tech – Textile Technology Curriculum imparted all the required Job Oriented Skills for its core and allied industries?' is rated Excellent with average rating as 4.333.

Parameter 'Professional and Open Electives of B.Tech – Textile Technology Curriculum served the technical advancements needed to serve in the industry' is rated Excellent with average rating as 4.333.

Parameter 'The activities, experiments planned during laboratory sessions are sufficient in the curriculum' is rated Excellent with average rating as 4.166.



Parameter 'Are you in a position to compete with your peers from other Universities' is rated Very Good with average rating as 3.832.

Parameter 'Current Regulation Curriculum is superior than your studied Curriculum' is rated Excellent with average rating as 4.003.

Times to time meetings were conducted at the department level to leverage new and advanced techniques to combat the learning difficulties of the students.

The feedback analysis reveals that laboratory sessions help to improve the student's technical skills and the courses placed in the curriculum supports both the advanced learners as well as slow learners.

Feedback from Employers 2015-16 (Academic Year) - UG – B. Tech (TT)

The result derived in terms of percentage of Employers with common views, average score, and ratings is presented in Table 2.

Table 2: Analysis of feedback from Employers 2015–16

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	0	71.4	28.6	0	0	3.714	Very Good
Q2	71.4	0	28.6	0	0	4.428	Excellent
Q3	14.3	42.9	42.9	0	0	3.718	Very Good
Q4	14.3	42.9	42.9	0	0	3.718	Very Good
Q5	28.6	28.6	42.9	0	0	3.861	Very Good

- 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

Parameter 'Course Contents of B.Tech – Textile Technology Curriculum are in tune with the Program Outcomes.' is rated Very Good with average score as 3.714.



Parameter 'Course Contents designed to enable skills and knowledge required for spinning, weaving, knitting, processing and garment industries.' is rated Excellent with average score as 4.428.

Parameter 'Professional Electives and Open Elective are in-line with the technological advancements.' is rated Very Good with average score as 3.718.

Parameter 'Curriculum imparted all the required Skills for Textile, Garment and Allied industry.' is rated Very Good with average score as 3.718.

Parameter 'Problem Solving and Soft Skills acquired by the students through the course contents will enable them to be placed in MNC' is rated Very Good with average score as 3.861.

Time to time meetings were conducted at the department level to leverage new and advanced techniques to combat the learning difficulties of the students by considering their Employer's feedback.

Feedback from Faculty 2015-16 (Academic Year) - UG – B. Tech (TT)

The result derived in terms of percentage of Faculty with common views, average score, and ratings is presented in Table 3.

Table 3: Analysis of feedback from Faculty 2015–16

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	57.1	28.6	14.3	0	0	4.428	Excellent
Q2	71.4	0	14.3	14.3	0	4.285	Excellent
Q3	57.1	14.3	14.3	14.3	0	4.142	Excellent
Q4	28.6	57.1	14.3	0	0	4.143	Excellent
Q5	14.3	57.1	14.3	14.3	0	3.714	Very Good
Q6	14.3	28.6	42.9	14.3	0	3.432	Good
Q7	14.3	71.4	14.3	0	0	4	Excellent
Q8	14.3	42.9	28.6	14.3	0	3.575	Very Good
Q9	14.3	42.9	28.6	14.3	0	3.575	Very Good

- 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.

Parameter 'Parameter 'Course Contents of B.Tech – Textile Technology enhances the Problem Solving Skills and Core competencies' is rated Excellent with average rating as 4.285.' is rated Excellent with average rating as 4.428.

Parameter 'Course Contents of B.Tech – Textile Technology enhances the Problem Solving Skills and Core competencies' is rated Excellent with average rating as 4.285.

Parameter 'Allocation of Credits to the Courses are appropriate.' is rated Excellent with average rating as 4.142.

Parameter 'Contact Hour Distribution among the various Course Components (LTP) are appropriate.' is rated Excellent with average rating as 4.143.

Parameter 'Electives cover the frontier technologies in the field of textiles, Apparels And allied industries. ' is rated Very Good with average rating as 3.714.

Parameter 'Curriculum providing opportunity towards Self learning to realize the expectations' is rated Good with average rating as 3.432.

Parameter 'Composition of Basic Sciences, Engineering, Humanities and Management Courses are appropriate.' is rated Excellent with average rating as 4.

Parameter 'laboratory sessions sufficient to improve the technical skills of students' is rated Very Good with average rating as 3.575.

Parameter 'Sufficient courses available to improve the technical competency and leadership skills among the students.' is rated Very Good with average rating as 3.575.

Time to time meetings were conducted at the department level to leverage new and advanced techniques to combat the learning difficulties of the students.

The feedback analysis reveals that laboratory sessions help to improve the student's technical skills and the courses placed in the curriculum supports both the advanced learners as well as slow learners.



Feedback from Parents 2015-16 (Academic Year) - UG – B. Tech (TT)

The result derived in terms of percentage of Parents with common views, average score, and ratings is presented in Table 4.

Table 4: Analysis of feedback from parents 2015–16

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	20	55	25	0	0	3.95	Very Good
Q2	35	45	20	0	0	4.15	Excellent
Q3	25	30	45	0	0	3.8	Very Good
Q4	35	35	30	0	0	4.05	Excellent
Q5	30	30	40	0	0	3.9	Very Good

- 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.

Parameter 'Course Contents of B.Tech – Textile Technology Curriculum are in tune with the Program Outcomes.' is rated Very Good with average score as 3.95.

Parameter 'B.Tech – Textile Technology Curriculum helped improving technical knowledge acquired by your son / daughter in our University' is rated Excellent with average score as 4.15.

Parameter 'B.Tech – Textile Technology Curriculum helped improving Academic, Emotional Progression of your son / daughter in our University' is rated Very Good with average score as 3.8.

Parameter 'Proficiency of your son / daughter is on par with the students from other Universities/Institutes' is rated Excellent with average score as 4.05.

Parameter 'Course Contents designed to enable skills and knowledge required for spinning, weaving, knitting, processing and garment industries.' is rated Very Good with average score as 3.9.



Time to time meetings were conducted at the department level to leverage new and advanced techniques to combat the learning difficulties of the students by considering their parent's feedback.

Feedback from Students 2015-16 (Academic Year) - UG – B. Tech (TT)

The result derived in terms of percentage of students with common views, average score, and ratings is presented in Table 5.

Table 5: Analysis of feedback from students 2015–16

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	60.4	37.7	1.9	0	0	4.585	Excellent
Q2	49.1	49.1	1.9	0	0	4.476	Excellent
Q3	30.2	54.7	13.2	0	1.9	4.113	Excellent
Q4	22.6	43.4	28.3	1.9	3.8	3.791	Very Good
Q5	22.6	54.7	20.8	0	1.9	3.961	Very Good
Q6	41.5	39.6	18.9	0	0	4.226	Excellent
Q7	30.2	54.7	13.2	0	1.9	4.113	Excellent
Q8	28.3	60.4	11.3	0	0	4.17	Excellent
Q9	34	41.5	20.8	1.9	1.9	4.041	Excellent

- 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.



The highest score of 4.585 was given to the parameter “Course Contents of B.Tech – Textile Technology Curriculum are in tune with the Program Outcomes.” followed by “Course Contents designed to enable skills and knowledge required for spinning, weaving, knitting, processing and garment industries.” with a score of 4.476 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and appropriate in B.Tech – Textile Technology curriculum” and “No. of Laboratory sessions sufficient to improve the technical skills” obtained average scores 4.113 and 4.17 respectively and has been rated as Excellent.

The parameters “Courses placed in the B.Tech – Textile Technology curriculum serves the needs of both Advanced and Average learners”; “B.Tech – Textile Technology Curriculum providing opportunity towards self learning to realize the expectations.” And “Sufficient courses available to improve technical competency and leadership skills among the students” obtained the scores of 4.113, 4.226 and 4.041 respectively and has been rated as Excellent which clearly reflects the benefit towards the student expectations.

Average scores of 3.791; and 3.961 were obtained by the parameters “Contact Hour Distribution among the various Course Components (LTP) is satisfiable”; “Electives have enabled the passion to learn new technologies in emerging areas” are rated as Very Good.

Time to time meetings were conducted at the department level to leverage new and advanced techniques to combat the learning difficulties of the students.

The feedback analysis reveals that laboratory sessions help to improve the student’s technical skills and the courses placed in the curriculum supports both the advanced learners as well as slow learners.

Chairman – CDMC
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