



DEPARTMENT OF APPLIED ENGINEERING
Minutes of CDMC Meeting

17-03-2020

The members of Curriculum Design and Monitoring Committee for B.Tech Agriculture Engineering program met on 17-03-2020 at AFTF-05, 'U' block, of VFSTR. The following members attended the meeting.

S no	Name	Signature
1	Mr. N. Narayan Rao Asst. Prof & Head-Applied Engineering, Vignan's Foundation for Science, Technology & Research (Deemed to be University), Vadlamudi.	
2	Dr. A. Rama Rao Asst. Prof, Applied Engineering Vignan's Foundation for Science, Technology & Research (Deemed to be University), Vadlamudi.	
3	Dr. Ayyanna DS Asst. Prof, VFSTR, Applied Engineering (Deemed to be University), Vadlamudi	

Agenda of the meeting

Analysis of the feedback collected from various stakeholders such as Alumni, Employers, Faculty, Parents and Students during the academic year 2019-20.

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.

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.

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

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

Navaz Khan

Chairman, CDMC

ANNEXURE 1

Feedback from Students 2019 - 20 (Academic Year) - UG – B. Tech (Agriculture Engineering)

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 2019 – 20

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	60.7	39.3	0	0	0	4.607	Excellent
Q2	64.3	35.7	0	0	0	4.643	Excellent
Q3	35.7	50	14.3	0	0	4.214	Excellent
Q4	14.3	57.1	10.7	0	17.9	3.499	Good
Q5	28.6	64.3	7.1	0	0	4.215	Excellent
Q6	53.6	25	21.4	0	0	4.322	Excellent
Q7	35.7	50	7.1	0	7.1	4.069	Excellent
Q8	25	64.3	10.7	0	0	4.143	Excellent
Q9	35.7	42.9	14.3	7.1	0	4.072	Excellent

The highest score of 4.607 was given to the parameter “Q1: The Course Contents of Curriculum are in tune with the Program Outcomes” followed by “Q2: The Course Contents are designed to enable Problem Solving Skills and Core competencies” with a score of 4.643; “Q3: Courses placed in the curriculum serves the needs of both advanced and slow learners” obtained the average score of 4.214 and “Q4: Contact Hour Distribution among the various Course Components (LTP) is Satisfiable” with a average score of 3.499 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Q5: Electives have enabled the passion to learn new technologies in emerging areas of Agriculture Engineering”; “Q6: The Curriculum is providing opportunity towards Self learning to realize the expectations”; “Q7: Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable” and “Q8: No. of Laboratory Sessions Integrated with Theory Courses have been sufficient to improve the technical as well as practical skills in Agriculture Engineering” obtained the average scores are 4.215; 4.322; 4.069 and 4.143 respectively and has been rated as Excellent.

Average scores of 4.072 were obtained by the parameter “Q9: Inclusion of Minor Projects with Theory Courses have enhanced the technical competency and leadership skills”.

Feed Back from Alumni Students 2019-20 (Academic Year) - UG – B. Tech (Agriculture Engineering)

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

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	23.9	50.7	21.1	0	4.2	3.898	Very Good
Q2	22.5	29.6	33.8	9.9	4.2	3.563	Very Good
Q3	32.4	22.5	25.4	15.5	4.2	3.634	Very Good
Q4	25.4	39.4	16.9	11.3	7	3.649	Very Good
Q5	29.6	14.1	29.6	26.8	0	3.468	Good
Q6	25.4	29.6	36.6	8.5	0	3.722	Very Good
Q7	35.2	26.8	15.5	14.1	8.5	3.664	Very Good
Q1	23.9	50.7	21.1	0	4.2	3.898	Very Good

The highest score of 3.563 was given to the parameter “Course Contents of Curriculum are in tune with the Program Outcomes” followed by “Professional and Open Electives of Curriculum served the technical advancements needed to serve in the industry” and “Curriculum has paved a good foundation in understanding the basic engineering concepts” with a score of 3.649 and 3.898 respectively has been rated as Very good.

The parameters “Tools and Technologies learnt during laboratory sessions has enriched the problem-solving skills” and “Ability to compete with your peers from other Universities”, obtained the average scores of 3.468 and 3.722 and rated as Very good.

It is clearly visible from the table that the parameter “Current Curriculum is superior to your studied Curriculum” and “Curriculum imparted all the required Job Oriented Skills” obtained average score of 3.898 and 3.634 has been rated as Very good.

Feedback from faculty 2019-20 (Academic Year) - UG – B. Tech (Agriculture Engineering)

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

Table 4: Analysis of feedback from faculty 2019–20

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	53.3	23.3	16.7	3.3	3.3	4.197	Excellent
Q2	53.3	36.7	3.3	6.7	0	4.366	Excellent
Q3	53.3	43.3	3.3	0	0	4.496	Excellent
Q4	50	23.3	23.3	3.3	0	4.197	Excellent
Q5	60	40	0	0	0	4.6	Excellent
Q6	60	36.7	0	3.3	0	4.534	Excellent
Q7	60	36.7	3.3	0	0	4.567	Excellent
Q8	56.7	40	3.3	0	0	4.534	Excellent
Q9	43.3	53.3	3.3	0	0	4.396	Excellent

The highest score of 4.6 was given to the parameter "Q5: Curriculum is providing opportunity towards Self learning" and ", "Q7: Inclusion of Minor/ Mini Projects improved the technical competency and leadership skills among the students" is recorded as 4.567 followed by "Q4: Course Contents enhance the Problem-Solving Skills and Core competencies", "Q1: Course Contents of Curriculum are in tune with the Program Outcomes" with a scores are of 4.197 and 4.197 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Q3,Q5 and Q6:Allocations of Credits to the Courses are satisfiable, Courses with laboratory sessions are sufficient to improve the technical skills of students and Electives enable the passion to learn new technologies in emerging areas" are scored as 4.534. Q9: Contact Hour Distribution among the various Course Components (LTP) is Justifiable",Q8: Composition of Basic Sciences, Engineering, Humanities and Management Courses is satisfiable" obtained average scores 4.396 and 4.534 respectively and has been rated as Excellent.

Time to time meetings was 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 faculty technical skills and the courses placed in the curriculum supports.

UG EMPLOYER FEEDBACK ANALYSIS

Feedback has been received from the employer on the following nine parameters:

Q1.The Course Contents of Curriculum are in tune with the Program Outcomes

Q2.The Course Contents are enriching the Construction Industry Demands

Q3.Core Electives and Open Elective are in-line with the technology advancements

Q4.Applicability of the tools and technologies described in the curriculum are sufficient to practice in Existing Construction Practices

Q5.Problem Solving and Soft Skills acquired by the students through the course contents will enable them to be placed in Public Sector Units, MNC's and Government Sectors

The categorization of rating is as follows: Strongly Agree (5), Agree (4), Moderate (3), Disagree (2) and Strongly Disagree (1).

Feedback Analysis is carried based on Average Satisfaction Rating. Rating categorization is carried based on Excellent (≥ 4); Very Good (≥ 3.5 & < 4); Good (≥ 3 & < 3.5); Moderate (> 2 & < 3) and Unsatisfactory (< 2)

Feedback from Employer 2019-20 (Academic Year) - UG – B. Tech (Agriculture Engineering)

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

Table 1: Analysis of feedback from Employer 2019-20

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	33.3	0	0	66.7	0	2.999	Moderate
Q2	0	33.3	33.3	33.3	0	2.997	Moderate
Q3	33.3	0	66.7	0	0	3.666	Very Good
Q4	0	66.7	33.3	0	0	3.667	Very Good
Q5	66.7	0	0	33.3	0	4.001	Excellent

The highest score of 4.001 was given to the parameters “The Course Contents are enriching the Construction Industry Demands” and “The Course Contents of Curriculum are in tune with the Program Outcomes” and has been rated as 3.666.

It is clearly visible from the table that the parameters “Core Electives and Open Elective are in-line with the technology advancements” and “Applicability of the tools and technologies described in the curriculum are sufficient to practice in Existing Construction Practices” obtained average scores 4.001 and 3.666 respectively and has been rated as Very good.

The parameter “Problem Solving and Soft Skills acquired by the students through the course contents will enable them to be placed in Public Sector Units, MNC's and Government Sectors” obtained the scores of 3.666 and has been rated as Excellent which will be considered and benefit the students towards the Construction Industry.

Time to time meetings were conducted at the department level to leverage new and advanced techniques to improve the problem solving skills and soft skills of the students which enable them to be placed in Construction Industry.

The feedback analysis given by employer reveals that Problem Solving and Soft Skills acquired by the students through the curriculum will enable them to be placed in Construction Industry.

Feedback from Parents 2019-20 (Academic Year) - UG – B. Tech (Agriculture Engineering)

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

Table 1: Analysis of feedback from Parents 2019– 20

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	41.3	32.6	0	0	0	3.369	Good
Q2	41.3	19.6	26.1	13	0	3.892	Very Good
Q3	39.1	34.8	13	0	13	3.867	Very Good
Q4	41.3	32.6	13	0	13	3.889	Very Good
Q5	41.3	32.6	13	13	0	4.019	Excellent

The highest score of 4.019 was given to the parameter “Competency of your ward is on par with the students from other Universities/Institutes”, “Course Curriculum is of the global standard and is in tune with the needs of construction Industry” followed by “Curriculum realizes the personality development and technical skilling of your ward”, “Satisfaction about the Academic, Emotional Progression of your ward” with a score of 3.892 and 3.867 respectively has been rated as Excellent.

The parameter “Curriculum enhances the intellectual aptitude of your ward” obtained average scoring as 3.369 and rated as 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.

Narajenkor

**Head of Department and Chairman – CDMC
B.Tech – Agriculture Engineering
Department of Applied Engineering**