

**VIGNAN'S**

Foundation for Science, Technology &amp; Research

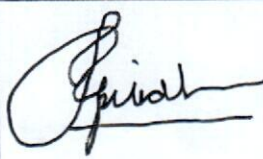
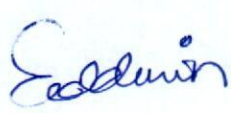
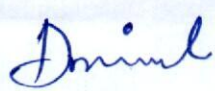


(Deemed to be University)

-Estd. u/s 3 of UGC Act 1956

**DEPARTMENT OF APPLIED ENGINEERING**  
**Minutes of CDMC Meeting**

07-03-2018

The members of Curriculum Design and Monitoring Committee for M.Tech. Farm Machinery programme met on 17-03-2018 at AFTF-05, 'U' block, of VFSTR. The following members attended the meeting.

S no	Name	Details	Signature
1	Dr. D. Vinay Kumar	Asst Prof, & Head Applied Engg Dept. VFSTRU (Internal Member)	
2	Dr. Edwin B	Asst. Prof, Vignans Foundation for Science, Technology & Research (Deemed to be University), Vadlamudi	
3	Mr. Aminul	Asst. Prof, Vignans Foundation for Science, Technology & Research (Deemed to be University), Vadlamudi	
4	Ms. K. Rajkumar	Asst. Prof, Vignans Foundation for Science, Technology & Research (Deemed to be University), Vadlamudi	
5	Mr. Syamsundar	Asst. Prof, Vignans Foundation for Science, Technology & Research (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 2017-18.

**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

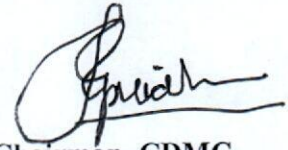
slow learners.

Time to time meetings was 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.



Chairman, CDMC

Department of Applied Engineering  
**VFSTR University**  
VADLAMUDI

#### ANNEXURE 1

#### PG STUDENT FEEDBACK ANALYSIS

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

- Q1. The Course Contents of Curriculum are in tune with the Program Outcomes
- Q2. The Course Contents are designed to enable Problem Solving Skills and Core competencies
- Q3. Courses placed in the curriculum serves the needs of both advanced and slow 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 of Civil 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
- Q8. No. of Laboratory Sessions Integrated with Theory Courses have been sufficient to improve the technical as well as practical skills in Civil Engineering
- Q9. Inclusion of Minor Projects with Theory Courses have enhanced the technical competency and leadership skills.

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 ( $\geq 4$ ); Very Good ( $\geq 3.5$  &  $< 4$ ); Good ( $\geq 3$  &  $< 3.5$ ); Moderate ( $> 2$  &  $< 3$ ) and Unsatisfactory ( $< 2$ )

## **FEEDBACK ANALYSIS OF STUDENT ON M.Tech-Farm Machinery Curriculum in AY: 2017 – 18**

Feedback has been received from the Student on the following parameters:

1. The Course Contents of Curriculum in adapt with the Program Outcomes
2. The Course Contents designed to enable Problem Solving Skills and Core competencies
3. Courses placed in the curriculum serves the needs of both advanced and slow learners
4. Contact Hour Distribution among the various Course Components (LTP) is Satisfiable
5. Electives have enabled the passion to learn new technologies in emerging areas of Agricultural Engineering
6. The Curriculum providing opportunity towards Self learning to realize the expectations
7. The Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable
8. No. of Laboratory sessions Integrated with Theory Courses have been sufficient to improve the technical as well as practical skills in Agricultural Engineering
9. Integration of Minor Project with Theory Courses have enhanced the technical competency and leadership skills.

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 ( $\geq 4$ ); Very Good ( $\geq 3.5$  &  $< 4$ ); Good ( $\geq 3$  &  $< 3.5$ ); Moderate ( $> 2$  &  $< 3$ ) and Unsatisfactory ( $< 2$ )

### **Feedback from Student 2017-18 (Academic Year) - PG – M.Tech (FM)**

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

**Table 1: Analysis of feedback from Student 2017–18**

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	66.7	33.3	0	0	0	4.667	Excellent
Q2	33.3	66.7	0	0	0	4.333	Excellent
Q3	100	0	0	0	0	5	Excellent
Q4	100	0	0	0	0	5	Excellent
Q5	100	0	0	0	0	5	Excellent
Q6	66.7	33.3	0	0	0	4.667	Excellent
Q7	66.7	33.3	0	0	0	4.667	Excellent
Q8	66.7	33.3	0	0	0	4.667	Excellent
Q9	66.7	33.3	0	0	0	4.667	Excellent

The highest score of 5 was given to the parameter “Courses placed in the curriculum serves the needs of both advanced and slow learners”, “Contact Hour Distribution among the various Course Components (LTP) is Satisfiable” and “Electives have enabled the passion to learn new technologies in emerging areas of Agricultural Engineering ”.

Followed by “The Course Contents of Curriculum in adapt with the Program Outcomes”, “The Curriculum providing opportunity towards Self learning to realize the expectations”, “The Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable”, “No. of Laboratory sessions Integrated with Theory Courses have been sufficient to improve the technical as well as practical skills in Agricultural Engineering”, and “Integration of Minor Project with Theory Courses have enhanced the technical competency and leadership skills.” with a score of 4.667 has been rated as Excellent.

It is clearly visible from the table that the parameters “The Course Contents designed to enable Problem Solving Skills and Core competencies” obtained average 4.333 has been rated as Excellent.

### **FEEDBACK ANALYSIS OF ALUMNI ON M.Tech-Farm Machinery Curriculum in AY: 2017 – 18**

Feedback has been received from the ALUMNI on the following parameters:

1. The Curriculum has paved a good foundation in understanding the basic concepts of Agriculture Engineering
2. The Course Contents of Curriculum in adapt with the Program Outcomes
3. The Curriculum imparted all the required Job Oriented Skills
4. Professional and Open Electives of Curriculum served the technical advancements needed to serve the requirements of Agriculture farming community and Industry Practices
5. Agriculture equipment and Technologies learnt during laboratory sessions has enriched the problem solving skills
6. Competing with your peers from other Universities

## 7. Current Curriculum is superior than your studied Curriculum

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 ( $\geq 4$ ); Very Good ( $\geq 3.5$  &  $< 4$ ); Good ( $\geq 3$  &  $< 3.5$ ); Moderate ( $> 2$  &  $< 3$ ) and Unsatisfactory ( $< 2$ )

### Feedback from ALUMNI 2017-18 (Academic Year) - PG – M.Tech (FM)

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 2017–18**

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	50	25	0	25	0	4	Excellent
Q2	50	25	12.5	12.5	0	4.125	Excellent
Q3	25	25	12.5	0	37.5	3	Good
Q4	50	0	25	0	25	3.5	Very Good
Q5	25	25	12.5	0	37.5	3	Good
Q6	50	12.5	0	0	37.5	3.375	Good
Q7	62.5	12.5	0	0	25	3.875	Very Good

The highest score of 4.125 was given to the parameter “The Course Contents of Curriculum in adapt with the Program Outcomes”.

Followed by “The Curriculum has paved a good foundation in understanding the basic concepts of Agriculture Engineering” with a score of 4 has been rated as Excellent.

It is clearly visible from the table that the parameters “The Curriculum imparted all the required Job Oriented Skills”, “Professional and Open Electives of Curriculum served the technical advancements needed to serve the requirements of Agriculture farming community and Industry Practices”, “Agriculture equipment and Technologies learnt during laboratory sessions has enriched the problem solving skills”, “Competing with your peers from other Universities” and “Current Curriculum is superior than your studied Curriculum” obtained average 3, 3.5, 3, 3.375 and 3.875 respectively has been rated as Excellent.

## FEEDBACK ANALYSIS OF FACULTY ON M.Tech-Farm Machinery Curriculum in AY: 2017 – 18

Feedback has been received from the Faculty on the following parameters:

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

2. Course Contents enhance the Problem Solving Skills and Core competencies
3. Allocation of Credits to the Courses are satisfiable
4. Contact Hour Distribution among the various Course Components (LTP) is Satisfiable
5. Do Electives enable the passion to learn new technologies in emerging areas of Engineering
6. The Curriculum providing opportunity towards Self learning to realize the expectations of present trend in design and research needs
7. The inclusion of Employability Orientation Program and Research Methodology in the curriculum satisfiable
8. The number of theoretical courses amalgamated with laboratory sessions sufficient to improve the technical skills of students
9. Introducing Mini Projects and Socio-centric Projects along with Theory Courses improved the research competency and leadership skills among the students

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 ( $\geq 4$ ); Very Good ( $\geq 3.5$  &  $< 4$ ); Good ( $\geq 3$  &  $< 3.5$ ); Moderate ( $> 2$  &  $< 3$ ) and Unsatisfactory ( $< 2$ )

#### Feedback from Faculty 2017-18 (Academic Year) - PG – M.Tech (FM)

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

**Table 1: Analysis of feedback from Faculty 2017–18**

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	52.4	23.8	19	4.8	0	4.238	Excellent
Q2	47.6	38.1	4.8	9.5	0	4.238	Excellent
Q3	47.6	47.6	4.8	0	0	4.428	Excellent
Q4	47.6	23.8	23.8	4.8	0	4.142	Excellent
Q5	57.1	42.9	0	0	0	4.571	Excellent
Q6	57.1	28.6	9.5	4.8	0	4.38	Excellent
Q7	57.1	23.8	14.3	4.8	0	4.332	Excellent
Q8	71.4	23.8	4.8	0	0	4.666	Excellent
Q9	57.1	38.1	4.8	0	0	4.523	Excellent

The highest score of 4.656 was given to the parameter “The number of theoretical courses amalgamated with laboratory sessions sufficient to improve the technical skills of students” has been rated Excellent.

Followed by “Do Electives enable the passion to learn new technologies in emerging areas of Engineering” with a score of 4.571 has been rated as Excellent.

It is clearly visible from the table that the parameters “The Course Contents of Curriculum in tune with the Program Outcomes”, “Course Contents enhance the Problem Solving Skills and Core competencies”, “Allocation of Credits to the Courses are satisfiable”, “Contact Hour Distribution among the various Course Components (LTP) is Satisfiable”, The Curriculum providing opportunity towards Self learning to realize the expectations of present trend in design and research needs”, The inclusion of Employability Orientation Program and Research Methodology in the curriculum satisfiable” and “Introducing Mini Projects and Socio-centric Projects along with Theory Courses improved the research competency and leadership skills among the students” obtained average scores 4.238, 4.238, 4.428, 4.142, 4.38, 4.332 and 4.523 respectively and has been rated as Excellent.

## **FEEDBACK ANALYSIS OF EMPLOYER ON M. Tech- Agricultural Engineering Curriculum in AY: 2017 – 18**

Feedback has been received from the EMPLOYER on the following parameters:

1. The Course Contents of Curriculum in adapt with the Program Outcomes
2. The Course Contents in adapt with the Agricultural Industry Demands and Research Needs
3. Core Electives and Open Elective are in-line with the technology advancements in the Agriculture field
4. Applicability of the Device and Agricultural technologies described in the curriculum will be enoPGh to practice in Existing in industries as well as Farming community
5. Problem Solving and Soft Skills acquired by the students throPGh the course contents will enable them to be place in Public Sector Units, MNC's, Government Sectors and Research Agencies.

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 ( $\geq 4$ ); Very Good ( $\geq 3.5$  &  $< 4$ ); Good ( $\geq 3$  &  $< 3.5$ ); Moderate ( $> 2$  &  $< 3$ ) and Unsatisfactory ( $< 2$ )

### **Feedback from EMPLOYER 2017-18 (Academic Year) - PG – M.Tech(AG)**

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 2017–18**

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	100	0	0	0	0	5	Excellent
Q2	100	0	0	0	0	5	Excellent
Q3	100	0	0	0	0	5	Excellent
Q4	100	0	0	0	0	5	Excellent
Q5	100	0	0	0	0	5	Excellent

The highest score of 5 was given to the parameter “The Course Contents of Curriculum in adapt with the Program Outcomes”, “The Course Contents in adapt with the Agricultural Industry Demands and Research Needs”, “Core Electives and Open Elective are in-line with the technology advancements in the Agriculture field”, “Applicability of the Device and Agricultural technologies described in the curriculum will be enoPGh to practice in Existing in industries as well as Farming community” and “Problem Solving and Soft Skills acquired by the students throPGh the course contents will enable them to be place in Public Sector Units, MNC’s, Government Sectors and Research Agencies” has been rated Excellent”.

## **FEEDBACK ANALYSIS OF PARENT ON M.Tech-Farm Machinery Curriculum in AY: 2017 – 18**

Feedback has been received from the Parent on the following parameters:

1. Curriculum enhances the intellectual aptitude of your ward
2. Curriculum realizes the personality development and technical skilling of your ward
3. Satisfaction about the Academic, Emotional Progression of your ward
4. Competency of your ward is on par with the students from other Universities/Institutes
5. Course Curriculum is of the global standard and is in tune with the needs of construction Industry

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 ( $\geq 4$ ); Very Good ( $\geq 3.5$  &  $< 4$ ); Good ( $\geq 3$  &  $< 3.5$ ); Moderate ( $> 2$  &  $< 3$ ) and Unsatisfactory ( $< 2$ )

### **Feedback from Parent 2017-18 (Academic Year) - PG – M.Tech (FM)**

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

**Table 1: Analysis of feedback from Parent 2017–18**

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	0	0	0	0	0	0	Unsatisfactory
Q2	0	50	50	0	0	3.5	Very Good
Q3	0	50	50	0	0	3.5	Very Good
Q4	0	50	50	0	0	3.5	Very Good
Q5	0	50	50	0	0	3.5	Very Good



The highest score of 3.2 was given to the parameter "Curriculum realizes the personality development and technical skilling of your ward", "Satisfaction about the Academic, Emotional Progression of your ward", "Competency of your ward is on par with the students from other Universities/Institutes" and "Course Curriculum is of the global standard and is in tune with the needs of construction Industry" with a score of 4 has been rated as Excellent.

Followed by "Curriculum enhances the intellectual aptitude of your ward", with a score of 3.5 has been rated as satisfactory.



**Head of Department and Chairman – CDMC**

**M.Tech – Farm Machinery**

Department of Applied Engineering

Department of Applied Engineering

**VFSTR University**

**VADLAMUDI**