



**Minutes of CDMC Meeting**

09-05-2021

The members of Curriculum Design and Monitoring Committee for B.Tech Automobile Engineering program met on 08-05-2021 at AFTF-05, 'U' block, of VFSTR. The following members attended the meeting.

S.No	Members	Designation	Signatures
1.	Mr. N.Narayana Rao, Assistant Professor & HoD	Chairman	
2.	Mr. B. Harish Babu Assistant Professor	Member	
3.	Ms. B. Anitha Reddy, Assistant Professor	Member	
4.	Mr. M Selvamuthu kumar, Assistant Professor	Member	

**Agenda of the meeting**

1. Analysis of the feedback collected from various stakeholders such as Alumni, Employers, Faculty, Parents and Students during the academic year 2020-21.

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

1. Students need to attend more number of NPTEL Courses.
2. Special focus need to be given to slow learners
3. Concept of Modular course has been continued from previous regulations
4. More emphasis should give Courses on Coding
5. Awareness on machine maintenance should be given to the students
6. More emphasis on communication and technical terminologies
7. Activities related to lifelong learning are to be imparted
8. Add employability courses in curriculum
9. GATE training to be provided for facing competitive exams
10. Curriculum need to be enriched with current Industrial trends

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



**Annexure 1**

**Feedback Analysis of Students on Curriculum in Ay: 2020 – 21**

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

- Q1. Curriculum has paved a good foundation in understanding the basic engineering concepts
- Q2. Course Contents of Curriculum fulfilled the specified Program Outcomes
- Q3. Curriculum imparted all the required Automobile Job Oriented Skills / prerequisite to pursue higher education
- Q4. Electives of Curriculum served the technical advancements needed to serve in the industry
- Q5. Tools and Methodologies followed during practical sessions has enriched the required practical knowledge to serve in Industry
- Q6. Competency with your peers from other Institutions
- Q7. Current curriculum meets the present industry demands

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 2020-21(Academic Year) - UG – B. Tech (AME)**

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

**Table 1: Analysis of feedback from Alumni 2020-21**

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	76.9	15.4	7.7	0	0	4.692	Excellent
Q2	84.6	3.8	0	11.5	0	4.612	Excellent
Q3	88.5	11.5	0	0	0	4.885	Excellent
Q4	88.5	11.5	0	0	0	4.885	Excellent
Q5	80.8	0	11.5	7.7	0	4.539	Excellent
Q6	100	0	0	0	0	5	Excellent
Q7	92.3	0	7.7	0	0	4.846	Excellent



The highest score of 5 was given to the parameter "Curriculum imparted all the required Automobile Job Oriented Skills / prerequisite to pursue higher education" has been rated Excellent.

Followed by "Electives of Curriculum served the technical advancements needed to serve in the industry" and "Competency with your peers from other Institutions" with a score of 4.885 and 4.83 has been rated as Excellent.

It is clearly visible from the table that the parameters "Contact Hour Distribution among the various Course Components (LTP) is Satisfiable". "Curriculum providing enable towards self-learning" and "Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable" obtained average scores 4.612, 4.268, and 4.85 respectively and has been rated as Excellent.

It is clearly visible from the table that the parameters "Current curriculum meets the present industry demands", "Curriculum has paved a good foundation in understanding the basic engineering concepts" 4.6, 4.6, respectively and has been rated as Excellent.

### **Feedback Analysis of Employers on Curriculum in Ay: 2020-21**

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

- Q1. Course Contents of B.Tech Automobile Engineering Curriculum is in tune with the Program Outcomes
- Q2. Relevance of the Course Contents in tune with the Industry Demands
- Q3. Elective are in-line with the technology advancements in Modeling and Automobile Manufacturing Sectors
- Q4. Applicability of the tools and technologies described in the curriculum will be enough to practice in Industry
- Q5. Problem Solving and Soft Skills acquired by the students through the course contents will enable them to be placed in product and process 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 Employer 2020-21(Academic Year) - UG – B. Tech (AME)**

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





**Table 2: Analysis of feedback from Employer 2020-21**

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 parameters “Applicability of the tools and technologies described in the curriculum will be enough to practice in Industry” and “Relevance of the Course Contents in tune with the Industry Demands” and “Elective are in-line with the technology advancements in Modeling and Automotive Sectors” followed by and “Problem Solving and Soft Skills acquired by the students through the course contents will enable them to be placed in product and process industry” with a score of 5 and 5 has been rated as Excellent.

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 Automobile Industry.

The feedback analysis given by employer reveals that by improving the required skills of students and enable Industry Demands helps the student to get placements.

### **Feedback Analysis of Faculty on Curriculum in A.Y: 2020- 21**

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

- Q1. Curriculum designed is in tune with program Vision and Mission
- Q2. Contents of the curriculum enhances the core competencies and employability skills
- Q3. Allocation of Credits to the Courses Satisfiable
- Q4. Contact Hour Distribution among the various Course Components (LTP) is Satisfiable
- Q5. Electives offered in the program makes the faculty to explore latest technologies
- Q6. Curriculum providing opportunity towards self-learning to meet the expectations
- Q7. Composition of Basic Sciences, Engineering, Humanities and Management Courses Satisfiable
- Q8. Number of theoretical courses and laboratory sessions sufficient to improve the technical skills of students
- Q9. Suggest any other points to improve the quality of the 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 Faculty 2020-21 (Academic Year) - UG – B. Tech (AME)**

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 2020-21**

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
Q6	100	0	0	0	0	5	Excellent
Q7	100	0	0	0	0	5	Excellent
Q8	100	0	0	0	0	5	Excellent
Q9	0	100	0	0	0	5	Excellent

The highest score of 5 was given to the parameter “Electives offered in the program makes the faculty to explore latest technologies” and “Number of theoretical courses and laboratory sessions sufficient to improve the technical skills of students” with 5 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Curriculum designed is in tune with program Vision and Mission” “Contents of the curriculum enhances the core competencies and employability skills” “Allocation of Credits to the Courses Satisfiable” “Contact Hour Distribution among the various Course Components (LTP) is Satisfiable” and “Curriculum providing opportunity towards self-learning to meet the expectations” “Composition of Basic Sciences, Engineering, Humanities and Management Courses Satisfiable” obtained average scores 5 and 5 respectively and has been rated as Excellent.



**Feedback Analysis of Alumni on Curriculum in A.Y: 2020-21**

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

- Q1.Course Contents of Curriculum in tune with the Program Outcomes
- Q2.Course Contents designed and value added courses offered enriches Core Competencies
- Q3.Courses offered in the curriculum serves the needs of both Automotive Industries and IT sector
- Q4.Contact Hour Distribution among the various Course Components (LTP) is Satisfiable.
- Q5.Electives have enabled the passion to learn new technologies in emerging and Interdisciplinary Areas
- Q6.Curriculum providing enable towards self-learning
- Q7.Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable
- Q8.No. of Laboratory sessions and Theory Courses have been sufficient to improve the technical skills
- Q9.Suggest any other points to improve the quality of the 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 Students 2020-21 (Academic Year) - UG – B. Tech (AME)**

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

**Table 4: Analysis of feedback from Students 2020-21**

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
Q6	100	0	0	0	0	5	Excellent
Q7	100	0	0	0	0	5	Excellent
Q8	100	0	0	0	0	5	Excellent
Q9	0	100	0	0	0	4	Excellent






The highest score of 5 was given to the parameter "Curriculum providing enable towards self-learning" and "Contact Hour Distribution among the various Course Components (LTP) is Satisfiable" 5 has been rated as Excellent.

Followed by "Courses offered in the curriculum serves the needs of both Automotive Industries and IT sector" "Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable" with a score of 5, and 4 has been rated as Excellent.

It is clearly visible from the table that the parameters "Course Contents of Curriculum in tune with the Program Outcomes" "Course Contents designed and value added courses offered enriches Core Competencies" and "Electives have enabled the passion to learn new technologies in emerging and Interdisciplinary Areas" obtained average scores 5 and 5 respectively and has been rated as very Good.

  
Chairman, CDMC