



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Minutes of CDMC Meeting

11-05-2021

The members of Curriculum Design and Monitoring Committee for M.Tech Embedded Systems (ES) met on 11-05-2021 in HoD Chamber, Department of ECE, 'H' block, of VFSTR. The following members attended the meeting.

S.No	Members	Designation	Signatures
1.	Dr. T. Pitchaiah	Chairman	
2.	Dr. N. Usharani	Member	
3.	Mr. P.J. Reginald	Member	
4.	Mr. P. Krishna Chaitanya	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:

Employers suggested the following,

- a. Curriculum is effective in developing innovative thinking
- b. Computer programming skills are essential for the students to enter into the industry

Alumni suggested the following

- a. Need of Job oriented programs for the students to get into the industry.
- b. Industrial visits can be included in the curriculum.

Faculty suggested the following

- a. Curriculum is good, Add Job oriented programs.
- b. Include more sensors in lab experiments.

Students suggested the following

- a. Present Curriculum is good and effective
- b. Introduce problem based practical exercises in practical courses to improve the capabilities of students for self-learning and problem solving

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

Feedback from Alumni Students 2020-21 (Academic Year) - PG – M. Tech (ES)

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

- Q1. Curriculum has paved a good foundation in understanding the concepts
- Q2. Course Contents of Curriculum fulfilled the specified Program Outcomes
- Q3. Curriculum imparted all the required 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.

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)

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

	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

The highest score of 5 was given to the parameters “Q2: Course Contents of Curriculum are in tune with the Program Outcomes” and “Q4: The offering of the electives in relation to the Technological advancements and serve the needed in the industry” followed by “Q7: Current curriculum meets the present industry demands” with a score of 5 and has been rated as Excellent.

The parameters “Q3: Curriculum imparted all the required Job Oriented Skills”, “Q5: Tools and Technologies learnt during laboratory sessions has enriched the skills”, and “Q6: Competency with your peers from other Institutions” obtained the average scores of 5 each and has been rated as Excellent.

It is clearly visible from the table that the parameter “Q1: Curriculum has paved a good foundation in understanding the basic engineering concepts” obtained average score of 5 and has been rated as Excellent.

Feedback from Employer 2020-21 (Academic Year) - PG – M. Tech (ES)

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

Q1: Course Contents of M.Tech Embedded System Curriculum is in tune with the Program Outcomes

Q2: Relevance of the Course Contents in tune with the Embedded System Industry Demands

Q3: Elective are in-line with the technology advancements in Modeling and Design Sectors

Q4: Applicability of the tools and technologies described in the curriculum will be enough to practice in Industry

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

	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

The highest score of 5 was given to the parameter “Course Contents of M.Tech Embedded System Curriculum is in tune with the Program Outcomes”, followed by “Relevance of the Course Contents in tune with the Embedded System Industry Demands” with a score of 5 and has been rated as Excellent.

The parameter “Elective are in-line with the technology advancements in Modeling and Design Sectors and” “Applicability of the tools and technologies described in the curriculum will be enough to practice in Industry”, obtained the scores of 5 and 5 and has been rated as Excellent which will be considered and benefit the students

The feedback analysis given by employer reveals that by improving the required skills of Electronic and Embedded System industries and Electronic and Embedded System enabled Industry Demands helps the student to get placements.

Feedback from faculty 2020-21 (Academic Year) - PG – M. Tech (ES)

Feedback has been received from the Faculty on the following eight 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: Number of theoretical courses and laboratory sessions sufficient to improve the technical and research skills of students
 Q8: Courses with laboratory sessions are sufficient to improve the technical skills of students.

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

Table 3: Analysis of feedback from faculty 2020-21

	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	0	100	0	0	0	4	Excellent

The highest score of 4.6 was given to the parameter " Q3: Allocation of Credits to the Courses Satisfiable", "Q5: Electives offered in the program makes the faculty to explore latest technologies and Q6: Curriculum providing opportunity towards self-learning to meet the expectations" followed by " Q1: Curriculum designed is in tune with program Vision and Mission Q2: Contents of the curriculum enhances the core competencies and employability skills" and " Q7: Number of theoretical courses and laboratory sessions sufficient to improve the technical and research skills of students", with a score of 5 and has been rated as Excellent.

The parameters "Q4: Contact Hour Distribution among the various Course Components (LTP) is Satisfiable" obtained the scores of 5 and has been rated as Excellent which clearly reflects the benefit towards the student expectations.

Feedback from Students 2020-21 (Academic Year) - PG – M. Tech (ES)

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

- Q1.Course Contents of Curriculum in tune with the Program Outcomes
- Q2. Course Contents designed offered enriches Core Competencies
- Q3.Courses offered in the curriculum serves the needs of Electronics, Embedded and Allied Industries
- 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.Electives have enabled the passion to learn new technologies in emerging and Interdisciplinary Areas

Q8.No. of Laboratory sessions and Theory Courses have been sufficient to improve the technical and research 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 (≥ 4); Very Good (≥ 3.5 & < 4); Good (≥ 3 & < 3.5); Moderate (> 2 & < 3) and Unsatisfactory (< 2)

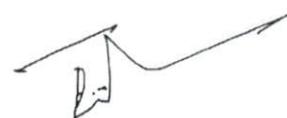
The result derived in terms of percentage of students with common views, average score, and ratings is presented in Table 4.

Table 4: Analysis of feedback from students 2020–21

	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	0	100	0	0	0	4	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 parameters "Q1.Course Contents of Curriculum in tune with the Program Outcomes", "Q2. Course Contents designed offered enriches Core Competencies" and " Q5.Electives have enabled the passion to learn new technologies in emerging and Interdisciplinary Areas" followed by "Q3.Courses offered in the curriculum serves the needs of Electronics and Allied IndustriesQ4.Contact Hour Distribution among the various Course Components (LTP) is Satisfiable."; with a score of 5 and has been rated as Excellent.

The parameters "Q6.Curriculum providing enable towards self-learning, Q7.Electives have enabled the passion to learn new technologies in emerging and Interdisciplinary Areas" and "Q8. No. of Laboratory sessions and Theory Courses have been sufficient to improve the technical and research skills." and obtained the scores of 5 respectively and has been rated as Excellent.



Chairman, CDMC