Department of Computer Science & Engineering.

Minutes of CDMC Meeting

07-08-2021

Curriculum Design and Monitoring Committee meeting for M. Tech CSE program is conducted on 06-08-2021 at Conference Hall, JC Bose block, VFSTR Deemed to be University.

The following members have attended the meeting.

S.No	Members	Designation	
1.	Dr. Venkatesulu Professor & Head	Chairman	
2.	Dr. Hemantha Kumar K, Professor	Member	
3.	Dr. S.V.Phani Kumar, Associate Professor	Member	
4.	Dr. M Shanmugam, Associate Professor	Member	

Agenda of the meeting

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

2. Any point with the permission of Chair.

Minutes of the Meeting

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

✓ Inclusion of Technical Seminar in the Curriculum.

✓ Inclusion of advanced research-oriented courses on AI&ML and Cyber Security in the Curriculum

✓ Suggested to include an add-on course on "Full Stack Development" in the curriculum

Detailed feedback analysis report is enclosed as Annexure.

HoD, CSE

2020-21 M. TECH CSE FEEDBACK ANALYSIS

ALUMNI FEEDBACK ANALYSIS

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

Q1. Curriculum has paved a good foundation in understanding the basic engineering concepts.

Q2. Course Contents of Curriculum are in tune with the Program Outcomes

Q3. Curriculum enriched the research abilities to pursue higher education in the thrust areas of Computer Science.

Q4. Professional and Open Electives of Curriculum served the technical advancements needed to serve in the industry

Q5. Tools and Technologies learnt during laboratory sessions has enriched the problem-solving skills.

Q6. Competing with your peers from other Universities.

Q7. Curriculum is superior to your studied Curriculum

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 Alumni Students 2020-21 (Academic Year) - PG – M. Tech (CSE)

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

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Avg Score	Rating
Q1	66.7	33.3	0	0	0	4.667	Excellent
Q2	66.7	33.3	0	0	0	4.667	Excellent
Q3	66.7	33.3	0	0	0	4.667	Excellent
Q4	83.3	16.7	0	0	0	4.833	Excellent
Q5	83.3	16.7	0	0	0	4.833	Excellent
Q6	50	50	0	0	0	4.5	Excellent
Q7	66.7	33.3	0	0	0	4.667	Excellent

The highest score of 4.883 was given to the parameters Q4 and Q5. Parameters Q1, Q2, Q3 and Q7 have acquired the next highest score of 4.667 and labelled as Excellent. "Curriculum is superior to your studied Curriculum", followed by "Tools and Technologies learnt during laboratory sessions has enriched the problem-solving skills" with a score of 4.337 and has been rated as Excellent. Q 6 have secured the lowest rating 4.5 and stood with Excellent rating.

EMPLOYER FEEDBACK ANALYSIS

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

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

Q2. Curriculum provides the scope for improving the required skills of IT and IT enabled Industry Demands

Q3. Professional and Open Electives are fulfilling the ever- evolving needs of IT industries

Q4. Tools and technologies described in the curriculum are enough to design and develop new applications of IT Industry.

Q5. Problem Solving and Soft Skills acquired by the students through the curriculum will enable them to be placed in IT 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 (≥ 4); Very Good (≥ 3.5 & <4); Good (≥ 3 & <3.5); Moderate (>2 & <3) and Unsatisfactory (<2)

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

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

Table: Analysis of feedback from Employer 2020-21

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	50	50	0	0	0	4.5	Excellent
Q2	50	50	0	0	0	4.5	Excellent
Q3	66.7	33.3	0	0	0	4.667	Excellent
Q4	83.3	16.7	0	0	0	4.833	Excellent
Q5	33.3	66.7	0	0	0	4.333	Excellent

The highest score of 4.833 was given to the parameter "Q4: Tools and technologies described in the curriculum are enough to design and develop new applications of IT Industry", and next highest score of 4.667 was assigned to "Q3: Professional and Open Electives are fulfilling the ever-evolving needs of IT industries". "Q1: Course Contents of Curriculum are in tune with the Program Outcomes" and "Q2: Curriculum provides the scope for improving the required skills of IT and IT enabled Industry Demands" with a score of 4.5 and has been rated Excellent.

It is clearly visible from the table that the parameters "Q5: Problem Solving and Soft Skills acquired by the students through the curriculum will enable them to be placed in IT Industry", obtained an average score of 4.333 rated as Excellent.

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 IT Industry.

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

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

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

Q2: Course Contents enhance the Problem-Solving Skills and Core competencies

Q3: Allocation of Credits to the Courses are satisfiable

Q4: Contact Hour Distribution among the various Course Components (LTP) is Justifiable

Q5: Electives enable the passion to learn new technologies in emerging areas

Q6: Curriculum is providing opportunity towards Self learning

Q7: Composition of Basic Sciences, Engineering, Humanities and Management Courses is satisfiable

Q8: Courses with laboratory sessions are sufficient to improve the technical skills of students

Q9: Inclusion of Minor/ Mini Projects improved the technical 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)

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

Table: Analysis of feedback from faculty 2020-21

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	84.6	15.4	0	0	0	4.846	Excellent
Q2	61.5	38.5	0	0	0	4.615	Excellent
Q3	69.2	30.8	0	0	0	4.692	Excellent
Q4	69.2	30.8	0	0	0	4.692	Excellent
Q5	69.2	30.8	0	0	0	4.692	Excellent
Q6	53.8	46.2	0	0	0	4.538	Excellent
Q7	61.5	38.5	0	0	0	4.615	Excellent
Q8	53.8	46.2	0	0	0	4.538	Excellent
Q9	61.5	38.5	0	0	0	4.615	Excellent

The highest score of 4.846 was given to the parameters Q1 and then next highest position was occupied by the parameters Q3, Q4 and Q5 with average score of 4.692 and excellent rating. Further, Q2, Q7 and Q9 have acquired 4.165 value with excellent rating. Q 6 and Q 8 have acquired a highest score of 4.538 with excellent rating.

The feedback analysis reveals that laboratory sessions help to improve the faculty technical skills and the courses placed in the curriculum supports.

Feedback from students 2020-21 (Academic Year) - PG – M.Tech. (CSE)

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

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

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

Q2: 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

Q6: 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: Laboratory sessions are sufficient to improve the technical skills of students

Q9: Inclusion of Minor Project/ Mini Projects improved the technical 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 (≥ 4); Very Good (≥ 3.5 & < 4); Good (≥ 3 & < 3.5); Moderate (> 2 & < 3) and Unsatisfactory (< 2)

Table: Analysis of feedback from students 2020-21

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	28.6	71.4	0	0	0	4.286	Excellent
Q2	57.1	14.3	28.6	0	0	4.285	Excellent
Q3	28.6	28.6	28.6	14.3	0	3.718	Very Good
Q4	71.4	28.6	0	0	0	4.714	Excellent
Q5	57.1	28.6	0	14.3	0	4.285	Excellent
Q6	42.9	42.9	14.3	0	0	4.29	Excellent
Q7	42.9	42.9	14.3	0	0	4.29	Excellent
Q8	57.1	28.6	14.3	0	0	4.428	Excellent
Q9	14.3	28.6	28.6	28.6	0	3.289	Good

The highest score of 4.714 was given to the parameters "Q4: Contact Hour Distribution among the various Course Components (LTP)", next highest score was acquired by "Q8: Research Projects improved the technical competency and leadership skills" with a score of 4.428.

It is clearly visible from the table that the parameters "Q1: Course Contents of Curriculum are in tune with the Program Outcomes"; "Q2: Course Contents are designed to enable Problem Solving Skills and Core competencies" and "Q6: Curriculum is providing opportunity towards Self learning to realize the expectations"; obtained the average scores are 4.285 respectively and has been rated as Excellent.

"Q3: Courses placed in the curriculum serves the needs of both advanced and slow learners", and "Q9: Tools and technologies described in the curriculum are enough to design and develop new applications" with rating as Very good and good respectively.