







Department of Computer Science & Engineering.

Minutes of CDMC Meeting

14-04-2018

Curriculum Design and Monitoring Committee meeting for M.Tech CSE program is conducted on 14-04-2018 at VPSF 05, JC Bose block, VFSTR Deemed to be University. The following members are attended the meeting.

S. No.	Members	Designation	
1.	Dr. Venkatesulu Professor & Head	Chairman	
2.	Dr. K Hemantha Kumar. Professor	Member	
3.	Dr. M Nirupama Bhat Assoc. Professor	Member	
4.	Mr. S.V Phani Kumar Asst. 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 2017-18.
2. Any point with the permission of Chair.

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

- ✓ Opportunity to learn some courses through online
- ✓ Reduce the number courses in first year
- ✓ Include more number of courses which generate employability
- ✓ Need to include value added Courses
- ✓ New technologies introduction improves the student knowledge

Detailed feedback analysis report is enclosed as Annexure.


HoD, CSE

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M.Tech CSE Feedback Analysis in the AY 2017-18

PG 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 2017-18 (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	Average Score	Rating
Q1	71.4	28.6	0	0	0	4.714	Excellent
Q2	28.6	71.4	0	0	0	4.286	Excellent
Q3	28.6	28.6	28.6	14.3	0	3.718	Very Good

Q4	28.6	42.9	14.3	14.3	0	3.861	Very Good
Q5	42.9	28.6	14.3	14.3	0	4.004	Excellent
Q6	28.6	42.9	28.6	0	0	4.004	Excellent
Q7	57.1	42.9	0	0	0	4.571	Excellent

The highest score of 4.71 was given to the parameters "Q1: Curriculum has paved a good foundation in understanding the basic engineering concepts", followed by "Q7: Curriculum is superior to your studied Curriculum" with a score of 4.57 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Q2: Course Contents of Curriculum are in tune with the Program Outcomes" "Q5: Tools and Technologies learnt during laboratory sessions has enriched the problem-solving skills" and "Q6: Competing with your peers from other Universities" with a scores of 4.28 and 4.0 respectively and has been rated as Excellent.

The parameters "Q4: Professional and Open Electives of Curriculum served the technical advancements needed to serve in the industry" and "Q3: Curriculum enriched the research abilities to pursue higher education in the thrust areas of Computer Science" with a scores of 3.86 and 3.71 respectively and has been rated as Very Good.

PG 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 2017-18 (Academic Year) - PG – M. Tech (MCS)

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 2017 – 18

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	80	20	0	0	0	4.8	Excellent
Q2	40	60	0	0	0	4.4	Excellent
Q3	40	20	20	20	0	3.8	Very Good
Q4	60	20	0	20	0	4.2	Excellent
Q5	60	20	0	20	0	4.2	Excellent

The highest score of 4.8 was given to the parameter “Q1: Course Curriculum is of the global standard and is in tune with the needs of IT and IT enabled industries” followed by “Q2: Curriculum has the scope for improving the required skills of IT and IT enabled Industry Demands” with a score of 4.4 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Q4: Tools and technologies described in the curriculum are sufficient to design and develop new applications of IT Industry”, and “Q5: Problem Solving and Soft Skills acquired by the students through the curriculum will enable them to be placed in IT Industry” obtained a score of 4.2 and have been rated as Excellent.

The parameter “Q3: Professional and Open Electives are fulfilling the ever- evolving needs of IT industries” obtained average score 3.8 has been rated as very good respectively.

Feedback from faculty 2017-18 (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.

Table : Analysis of feedback from faculty 2017–18

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	5.6	94.4	0	0	0	4.056	Excellent

Q2	72.2	11.1	16.7	0	0	4.555	Excellent
Q3	27.8	50	22.2	0	0	4.056	Excellent
Q4	16.7	77.8	5.6	0	0	4.115	Excellent
Q5	44.4	55.6	0	0	0	4.444	Excellent
Q6	50	22.2	22.2	5.6	0	4.166	Excellent
Q7	5.6	38.9	27.8	27.8	0	3.226	Very Good
Q8	38.9	33.3	27.8	0	0	4.111	Excellent
Q9	50	22.2	5.6	22.2	0	4	Excellent

The highest score of 4.555 was given to the parameter "Q2: Course Contents enhance the Problem-Solving Skills and Core competencies" followed by "Q5: Electives enable the passion to learn new technologies in emerging areas" and "Q6: Curriculum is providing opportunity towards self-learning" with a scores of respectively 4.555 and 4.166 has been rated as Excellent.

It is clearly visible from the table that the parameters "Q4: Contact Hour Distribution among the various Course Components (LTP) is Justifiable"; "Q8: Courses with laboratory sessions are sufficient to improve the technical skills of students", "Q3: Curriculum enable the research abilities of the students in thrust areas of Computer Science", "Q1: Course Contents of Curriculum are in tune with the Program Outcomes" and "Q9: Inclusion of Minor Project/ Mini Projects improved the technical competency and leadership skills among the students" obtained average scores 4.115; 4.111; 4.056; 4.056; and 4 respectively and has been rated as Excellent.

The parameters Q7: Apply tools and technologies described in the curriculum are enough to design and develop new applications to serve the local needs" obtained the scores of 3.226 and has been rated as Very Good.

Feedback from Parents 2017-18 (Academic Year) - PG – M. Tech (CSE)

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

Table : Analysis of feedback from Parents 2017 – 18

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	40	60	0	0	0	4.4	Excellent

Q2	20	80	0	0	0	4.2	Excellent
Q3	20	60	20	0	0	4	Excellent
Q4	40	60	0	0	0	4.4	Excellent
Q5	20	80	0	0	0	4.2	Excellent

The highest score of 4.4 was given to the parameter "Q4: Competency of your ward is on par with the students from other Universities/Institutes" and "Q1: Curriculum enhances the intellectual aptitude of your ward" and has been rated as Excellent.

It is clearly visible from the table that the parameters "Q2: Curriculum realizes the personality development and technical skilling of your ward" and "Q5: Course Curriculum is of the global standard and is in tune with the needs of IT and IT enabled industries" obtained average score 4.2 each and has been rated as Excellent.

The parameter "Q3: Satisfaction about the Academic, Emotional Progression of your ward" obtained the score of 4 and has been rated as excellent which clearly reflects the benefit towards the parent's expectations.

Feedback from Students 2017-18 (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 .

Table : Analysis of feedback from students 2017 – 18

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	28.2	64.1	7.7	0	0	4.205	Excellent
Q2	61.5	17.9	20.5	0	0	4.406	Excellent
Q3	48.7	30.8	17.9	0	2.6	4.23	Excellent
Q4	41	30.8	256.6	0	2.6	4.076	Excellent
Q5	53.8	33.3	12.8	0	0	4.406	Excellent
Q6	23.1	69.2	5.1	2.6	0	4.128	Excellent
Q7	38.5	53.8	7.7	0	0	4.308	Excellent
Q8	51.3	41	7.7	0	0	4.436	Excellent

Q9	64.1	17.9	15.4	2.6	0	4.435	Excellent
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The highest score of 4.436 was given to the parameter "Q8: Research Projects improved the technical competency and leadership skills" followed by "Q9: Tools and technologies described in the curriculum are enough to design and develop new applications" with a score of 4.435 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Q2: Course Contents are designed to enable Problem Solving Skills and Core competencies", and "Q5: Inclusion of Minor Project/ Mini Projects improved the technical competency and leadership skills among the students"; obtained the scores of 4.406, 4.406 respectively and has been rated as Excellent.

The parameters "Q7: Courses with laboratory sessions are sufficient to improve the technical skills"; and "Q3: Courses placed in the curriculum serves the needs of both advanced and slow learners", "Q1: Course Contents of Curriculum are in tune with the Program Outcomes" "Q6: Curriculum is providing opportunity towards Self learning to realize the expectations" and "Q4: Contact Hour Distribution among the various Course Components (LTP) is satisfiable" obtained the scores of 4.308; 4.23, 4.205, 4.128; and 4.076 respectively and has been rated as Excellent.



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