

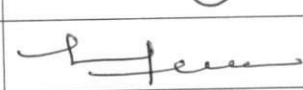


Department of Computer Science & Engineering.

Minutes of CDMC Meeting

18-04-2016

Curriculum Design and Monitoring Committee meeting for M.Tech CSE program is conducted on 18-04-2016 at VSF 09, 'H' block, VFSTR University. The following members are attended the meeting.

S. No	Members	Designation	
1.	Dr.N.Gnaneswara Rao Professor & Head	Chairman	
2.	Dr. K Hemantha Kumar, Assoc. Professor	Member	
3.	Mrs. Nirupama Bhat Assoc. Professor	Member	
4.	Mr. S.V Phani Kumar, Asst. Professor	Member	

Minutes of the meeting

1. Analysis of the feedback collected from various stakeholders such as Alumni, Employers, Faculty, Parents and Students during the academic year 2015-16.
2. Any point with the permission of Chair.

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

- ✓ Some more courses needed on communication skills
- ✓ More emphasis is needed on emerging courses like BDA, and CC
- ✓ include course on imparting research attitude among the students
- ✓ Object Oriented Analysis and Design, Web Technologies like courses were covered in B.Tech. and those are not required to be kept in Professional Core Pool
- ✓ Emerging Courses are needed to have good placements and placement with high salary package

Detailed feedback analysis report is enclosed as Annexure


HoD, CSE



2015-16 M. Tech CSE Feedback analysis

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 2015-16 (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	40	40	20	0	0	4.2	Excellent
Q2	40	60	0	0	0	4.4	Excellent
Q3	40	40	20	0	0	4.2	Excellent
Q4	40	20	20	20	0	3.8	Very Good
Q5	40	40	20	0	0	4.2	Excellent
Q6	40	40	20	0	0	4.2	Excellent
Q7	40	40	20	0	0	4.2	Excellent

The highest score of 4.4 was given to the parameter "Course Contents of Curriculum are in tune with the Program Outcomes" followed by "Competing with your peers from other Universities" and "Curriculum is superior to your studied Curriculum", Curriculum has paved a good foundation

in understanding the basic engineering concepts” and “Curriculum enriched the research abilities to pursue higher education in the thrust areas of Computer Science”, and “Tools and Technologies learnt during laboratory sessions has enriched the problem-solving skills” with a score of 4.2 and has been rated as Excellent.

The parameters “Professional and Open Electives of Curriculum served the technical advancements needed to serve in the industry” and obtained the scores of 3.8 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 2015-16 (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 2015–16

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	60	40	0	0	0	4.6	Excellent
Q2	0	100	0	0	0	4	Excellent
Q3	0	40	40	20	0	3.2	Good
Q4	20	60	0	20	0	3.8	Very Good
Q5	40	40	0	20	0	4	Excellent

The highest score of 4.6 was given to the parameter "Q1: Course Contents of Curriculum are in tune with the Program Outcomes" and has been rated as Excellent.

The average score of 4 was given to the parameters "Q2: Curriculum provides the scope for improving the required skills of IT and IT enabled Industry Demands" and "Q5: Problem Solving and Soft Skills acquired by the students through the curriculum will enable them to be placed in IT Industry" 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 enough to design and develop new applications of IT Industry" obtained the average score of 3.8 and has been rated as Very Good and "Q3: Professional and Open Electives are fulfilling the ever- evolving needs of IT industries" obtained average score 3.2 and has been rated as Good.

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 IT Industry.

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

PG FACULTY FEEDBACK ANALYSIS

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: Curriculum enables the research abilities of the students in thrust areas of Computer Science

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: Apply tools and technologies described in the curriculum are enough to design and develop new applications to serve the local needs

Q8: Courses with 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)

Feedback from faculty 2015-16 (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 2015-16

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	50	37.5	12.5	0	0	4.375	Excellent
Q2	25	31.3	43.8	0	0	3.816	Very Good
Q3	31.3	68.8	0	0	0	4.317	Excellent
Q4	12.5	62.5	25	0	0	3.875	Very Good
Q5	31.3	43.8	25	0	0	4.067	Excellent
Q6	31.3	31.3	37.5	0	0	3.942	Very Good
Q7	62.5	31.3	6.3	0	0	4.566	Excellent
Q8	18.8	56.3	25	0	0	3.942	Very Good
Q9	43.8	43.8	6.3	6.3	0	4.257	Excellent

The highest score of 4.566 was given to the parameter "Q7: Apply tools and technologies described in the curriculum are enough to design and develop new applications to serve the local needs" followed by "Q1: Course Contents of Curriculum are in tune with the Program Outcomes", "Q3: Curriculum enable the research abilities of the students in thrust areas of Computer Science", "Q9: Inclusion of Minor Project/ Mini Projects improved the technical competency and leadership skills among the students" and " Q5: Electives enable the passion to learn new technologies in emerging areas" with a scores of 4.375, 4.317, 4.257 and 4.067, and has been rated as Excellent.

It is clearly visible from the table that the parameters "Q6: Curriculum is providing opportunity towards self-learning", "Q8: Courses with laboratory sessions are sufficient to improve the technical skills of students", Q4: Contact Hour Distribution among the various Course Components (LTP) is Justifiable" and " Q2: Course Contents enhance the Problem-Solving Skills and Core competencies" obtained average scores 3.942, 3.942, 3.875, and 3.816 respectively and has been rated as Very Good which clearly reflects the benefit towards the student expectations.

PG Parents FEEDBACK ANALYSIS

Feedback has been received from the Parents on the following five parameters:

- Q1. Curriculum enhances the intellectual aptitude of your ward
- Q2. Curriculum realizes the personality development and technical skilling of your ward
- Q3. Satisfaction about the Academic, Emotional Progression of your ward.
- Q4. Competency of your ward is on par with the students from other Universities/Institutes.

Q5. Course Curriculum is of the global standard and is in tune with the needs of IT and IT enabled industries

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 Parents 2015-16 (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 2015 – 16

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	50	50	0	0	0	4.5	Excellent
Q4	50	50	0	0	0	4.5	Excellent
Q5	50	50	0	0	0	4.5	Excellent

In all the aspects parents have been fully satisfied with MTech CSE R15 regulations. They have requested to give CRT for MTech students also in addition some of them requested to include emerging courses to improve the job opportunities.

PG STUDENT FEEDBACK ANALYSIS

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. Courses with laboratory sessions are sufficient to improve the technical skills
- Q8. Research Projects improved the technical competency and leadership skills

Q9. Tools and technologies described in the curriculum are enough to design and develop new applications.

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 Students 2015-16 (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 2015 – 16

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	50	41.7	8.3	0	0	4.41	Excellent
Q2	50	20.8	29.2	0	0	4.208	Excellent
Q3	62.5	25	8.3	0	4.2	4.41	Excellent
Q4	8.3	50	37.5	0	4.2	3.582	Very Good
Q5	16.7	75	8.3	0	0	4.084	Excellent
Q6	41.7	20.8	37.5	0	0	4.042	Excellent
Q7	12.5	62.5	25	0	0	3.875	Very Good
Q8	33.3	45.8	20.8	0	0	4.121	Excellent
Q9	54.2	45.8	0	0	0	4.542	Excellent

The highest score of 4.542 was given to the parameter "Q9: Tools and technologies described in the curriculum are enough to design and develop new applications" and has been rated as Excellent.

The next highest score of 4.41 was given to the parameters "Q1: Course Contents of Curriculum are in tune with the Program Outcomes", and "Q3: Courses placed in the curriculum serves the needs of both advanced and slow learners" followed by "Q2: Course Contents are designed to enable Problem Solving Skills and Core competencies" with a score of 4.208 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Q8: Research Projects improved the technical competency and leadership skills"; "Q5: Inclusion of Minor Project/ Mini Projects

improved the technical competency and leadership skills among the students"; and "Q6: Curriculum is providing opportunity towards Self learning to realize the expectations"; obtained the average scores are 4.121; 4.084; and 4.042; respectively and has been rated as Excellent.

Average scores of 3.875 and 3.582 were obtained by the parameters "Q7: Courses with laboratory sessions are sufficient to improve the technical skills" and "Q4: Contact Hour Distribution among the various Course Components (LTP) is satisfiable" and have been rated as Very Good.



Head, CSE