






Department of Computer Science & Engineering.

Minutes of CDMC Meeting

15-03-2016

Curriculum Design and Monitoring Committee meeting for B.Tech CSE program is conducted on 15-03-2016 at VSF09, '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.	Mr. S.V.Rama Krishna, Asst.Professor	Member	
4.	Mr. DS Bhupal Naik, Asst. Professor	Member	

After the collection of feedback and suggestions from various stakeholders on R 13 Curriculum, thorough analysis was done and detailed report is attached as Annexure along with draft R 16 Curriculum.

The following suggestions given by various stakeholders are scrutinized and the same will be put forward for the discussion in the BoS meeting held on 09th April, 2016.

1. More emphasis is needed to discuss basic working principles of engineering products.
2. Revision of Course contents of ADS is needed. As it covers some of the topics from DS, DMS, DAA and DBMS.
3. Object Oriented Analysis and Design through UML lab course has been covered its theoretical parts also. Hence there is no specific importance for theory of this course.
4. Course contents of DWDM is too lengthy. So stipulated time is not enough to teach entire course in one semester.
5. Practical orientation for majority of courses is highly needed in their curriculum.
6. Some of the faculty suggested to follow interactive teaching rather than demonstration-based approach with reduction of credits.
7. Asked to include employability and life skills in their curriculum.
8. Students have asked to design the elective courses in deeper level rather than broader level. So, they felt that deeper level of knowledge enhances their career.


HoD, CSE



B.Tech CSE Feedback Analysis AY 2015-16

Feedback from Alumni 2015-16 (Academic Year) - UG – B. 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	36	56	8	0	0	4.28	Excellent
Q2	44	28	24	4	0	4.12	Excellent
Q3	44	24	28	4	0	4.08	Excellent
Q4	24	44	28	4	0	3.88	Very Good
Q5	48	28	24	0	0	4.24	Excellent
Q6	24	52	24	0	0	4	Excellent
Q7	52	44	4	0	0	4.48	Excellent

The highest score of 4.48 was given to the parameter "Current Curriculum is superior to your studied Curriculum" followed by "Curriculum has paved a good foundation in understanding the basic engineering concepts" with a score of 4.28 and has been rated as Excellent.

The parameters "Tools and Technologies learnt during laboratory sessions has enriched the problem-solving skills", "Course Contents of Curriculum are in tune with the Program Outcomes", "Curriculum imparted all the required Job Oriented Skills" and "Ability to compete with your peers from other Universities" obtained the scores of 4.24, 4.12, 4.08 and 4.00 respectively and has been rated as Excellent.

It is clearly visible from the table that the parameter "Professional and Open Electives of Curriculum served the technical advancements needed to serve in the industry" obtained the score 3.88 and has been rated as Very Good.

Feedback from Employer 2015-16 (Academic Year) - UG – B. Tech (CSE)

The result derived in terms of percentage of employer 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	84.6	0	0	15.4	0	4.538	Excellent
Q2	61.5	23.1	15.4	0	0	4.461	Excellent

Q3	84.6	0	15.4	0	0	4.692	Excellent
Q4	46.2	53.8	0	0	0	4.462	Excellent
Q5	100	0	0	0	0	5	Excellent

The highest score of 5 was given to the parameter "Problem Solving and Soft Skills acquired by the students through the curriculum will enable them to be placed in IT Industry" followed by "Professional and Open Electives are fulfilling the ever- evolving needs of IT industries" with a score of 4.692 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Professional and Open Electives are fulfilling the ever- evolving needs of IT industries" and "Tools and technologies described in the curriculum are enough to design and develop new applications of IT Industry" obtained average scores 4.538 and 4.462 respectively and has been rated as Excellent.

The parameter "Curriculum provides the scope for improving the required skills of IT and IT enabled Industry Demands" obtained the scores of 4.461 and has been rated as Excellent which will be considered and benefit the students towards the IT Industry.

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.

Feedback from faculty 2015-16 (Academic Year) - UG – B. Tech (CSE)

The result derived in terms of percentage of faculty 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	47.8	37.3	6	0	9	4.152	Excellent
Q2	61.2	37.3	0	1.5	0	4.582	Excellent
Q3	34.3	65.7	0	0	0	4.343	Excellent
Q4	52.2	37.3	10.4	0	0	4.414	Excellent
Q5	34.3	65.7	0	0	0	4.343	Excellent
Q6	58.2	17.9	22.4	1.5	0	4.328	Excellent
Q7	61.2	37.3	1.5	0	0	4.597	Excellent
Q8	38.8	37.3	23.9	0	0	4.149	Excellent
Q9	50.7	25.4	1.5	22.4	0	4.044	Excellent

The highest score of 4.152 was given to the parameter Q7: Composition of Basic Sciences, Engineering, Humanities and Management Courses is satisfiable" followed by "Q2: Course

Contents enhance the Problem-Solving Skills and Core competencies" with a score of 4.582 and 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", "Q3: Allocations of Credits to the Courses are satisfiable", "Q5: Electives enable the passion to learn new technologies in emerging areas", "Q6: Curriculum is providing opportunity towards Self learning" and "Q1: Course Contents of Curriculum are in tune with the Program Outcomes" obtained average scores 4.414, 4.343, 4.343, 4.328 and 4.152 respectively and has been rated as Excellent.

The parameters "Q8: Courses with laboratory sessions are sufficient to improve the technical skills of students" and " Q9: Inclusion of Minor/ Mini Projects improved the technical competency and leadership skills among the students" obtained the scores of 4.149 and 4.044 respectively and has been rated as Excellent which clearly reflects the benefit towards the student expectations.

Feedback from Parents 2015-16 (Academic Year) - UG – B. Tech (CSE)

The result derived in terms of percentage of Parents 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	81	13.1	6	0	0	4.754	Excellent
Q2	70.2	22.6	4.8	1.2	0	4.582	Excellent
Q3	70.2	23.8	4.8	0	1.2	4.618	Excellent
Q4	76.2	16.7	6	0	1.2	4.67	Excellent
Q5	82.1	9.5	7.1	1.2	0	4.722	Excellent

The highest score of 4.754 was given to the parameter "Q1: Curriculum enhances the intellectual aptitude of your ward" and has been rated as excellent which clearly reflects the benefit towards the parent's expectations.

The parameter "Q5: Course Curriculum is of the global standard and is in tune with the needs of IT and IT enabled industries" obtained the score of 4.722 followed by "Q4: Competency of your ward is on par with the students from other Universities/Institutes" with a score of 4.67 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Q3: Satisfaction about the Academic, Emotional Progression of your ward" and "Q2: Curriculum realizes the personality development and technical skilling of your ward" and obtained average score 4.618 followed by 4.582 each and has been rated as Excellent.

Time to time meetings were conducted at the department level to leverage new and advanced techniques to combat the learning difficulties of the students.

Feedback from Students 2015-16 (Academic Year) - UG – B. Tech (CSE)

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

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	57.9	32.3	6.3	1.5	2	4.426	Excellent
Q2	48.5	38.7	12.7	0	0	4.354	Excellent
Q3	33.2	41.7	18.1	4.4	2.6	3.985	Very Good
Q4	31.2	32.7	29	3.1	4.1	3.841	Very Good
Q5	27.5	46.7	18.6	3.1	4.1	3.904	Very Good
Q6	32.8	39.9	21.4	3.3	2.6	3.97	Very Good
Q7	31.5	48.7	15.7	1.8	2.2	4.052	Excellent
Q8	28.2	51.7	14.8	3.1	2.2	4.006	Excellent
Q9	33.2	38.4	18.6	5.2	4.6	3.904	Very Good

The highest score of 4.42 was given to the parameter "Q1: Course Contents of Curriculum are in tune with the Program Outcomes" followed by "Q2: Course Contents are designed to enable Problem Solving Skills and Core competencies" with a score of 4.35 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Q7: Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable" and "Q8: Laboratory sessions are sufficient to improve the technical skills of students" obtained average scores 4.052 and 4.006 respectively and has been rated as Excellent.

The parameters "Q3: Courses placed in the curriculum serves the needs of both advanced and slow learners" and "Q6: Curriculum is providing opportunity towards Self learning to realize the expectations" obtained the scores of 3.98 and 3.97 respectively and has been rated as Very Good which clearly reflects the benefit towards the student expectations.

Average scores of 3.904; 3.904 and 3.841 were obtained by the parameters "Q5: Inclusion of Minor Project/ Mini Projects improved the technical competency and leadership skills among the students"; "Q9: Electives have enabled the passion to learn new technologies in emerging areas" and "Q4: Contact Hour Distribution among the various Course Components (LTP) is satisfiable" and have been rated as Very Good.

Time to time meetings were conducted at the department level to leverage new and advanced techniques to combat the learning difficulties of the students. The feedback analysis reveals that laboratory sessions help to improve the students technical skills and the courses placed in the curriculum supports both the advanced learners as well as slow learners.


HOD, CSE