



Minutes of CDMC Meeting

08-02-2020

The members of Curriculum Design and Monitoring Committee for B.Tech. Information Technology programme met on 08-02-2020 at ASF03, 'U' block, of VFSTR. The following members attended the meeting.

S.No	Members	Designation	Signatures
51.	Dr.K.V.Kirshna Kishore Professor & Head	Chairman	
2.	Dr.N.Veeranjanayulu	Member	
3.	Mr. B. Premamayudu	Member	
4.	Dr.P.Subbarao	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 2019-20.
2. Any point with the permission of Chair.

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

1. Offer intradepartmental projects to get the knowledge to use various courses knowledge
2. Offer a greater number of employability courses like big data, data mining, Internet of things, Cloud computing
3. Include Problem solving Techniques and approaches in 3rd year to attend the campus drives of various software industries and IT jobs
4. Strengthen the coding skills by allocating at least 50% of course as laboratory courses
5. Introduce Technical seminars with the industrial experience person
6. Add more case studies for every laboratory course to enable the skills in students
7. Need to organize technical activities on emerging technologies apart from the syllabus
8. Students need to some real-time applications related to security



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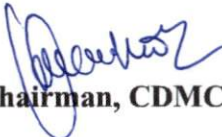
Department of Information Technology

Vadlamudi – 522 213, Guntur Dt. AP, India

9. Include the courses based on the feedback from industry experts
10. Must design project-based curriculum

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



Annexure 1

Feedback from Students 2019-20 (Academic Year) - UG – B. Tech (IT)

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 students 2019 – 20

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	59.8	31.8	6.1	1.4	0.8	4.481	Excellent
Q2	52.8	33.2	7.5	1.7	4.7	4.274	Excellent
Q3	36.9	42.5	14.8	3.1	2.8	4.079	Excellent
Q4	36.9	32.4	24.3	2.8	3.6	3.962	Very Good
Q5	33.2	43.3	16.2	3.1	4.2	3.982	Very Good
Q6	24.6	45.3	24	3.1	3.1	3.855	Very Good
Q7	29.6	50.6	15.1	1.7	3.1	4.022	Excellent
Q8	27.4	52.5	14.8	2.8	2.5	3.995	Very Good
Q9	34.6	40.2	17.9	3.4	3.9	3.982	Very Good

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 highest score of 4.48 was given to the parameter “Course Contents of Curriculum are in tune with the Program Outcomes” followed by “Course Contents are designed to enable Problem Solving Skills and Core competencies” with a score of 4.27 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Courses placed in the curriculum serves the needs of both advanced and slow learners” and “Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable” obtained average scores 4.07 and 4.02 respectively and has been rated as Excellent.

The parameters “Laboratory sessions are sufficient to improve the technical skills of students” and “Inclusion of Minor Project/ Mini Projects improved the technical competency and leadership skills among the students” obtained the scores of 3.99 and 3.98 respectively and has been rated as Very Good which clearly reflects the benefit towards the student expectations.

Average scores of 3.98, 3.96 and 3.85 were obtained by the parameters “Electives have enabled the passion to learn new technologies in emerging areas”, “Contact Hour Distribution among the various Course Components (LTP) is satisfiable” and “Curriculum is providing opportunity towards Self learning to realize the expectations”.

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 student’s technical skills and the courses placed in the curriculum supports both the advanced learners as well as slow learners.



Feedback from Employers 2019-20 (Academic Year) - UG – B. Tech (IT)

The result derived in terms of percentage of employers with common views, average score, and ratings is presented in Table 2.

Table 2: Analysis of feedback from employers 2019 – 20

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	81.8	9.1	0	9.1	0	4.636	Excellent
Q2	63.6	18.2	18.2	0	0	4.454	Excellent
Q3	81.8	0	9.1	0	9.1	4.454	Excellent
Q4	45.5	45.5	9.1	0	0	4.368	Excellent
Q5	72.7	9.1	18.2	0	0	4.545	Excellent

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 highest score of 4.636 was given to the parameter “Course Contents of Curriculum are in tune with the Program Outcomes” followed by “Problem Solving and Soft Skills acquired by the students through the curriculum will enable them to be placed in IT Industry” with a score of 4.545 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Curriculum provides the scope for improving the required skills of IT and IT enabled Industry Demands” and “Professional and Open Electives are fulfilling the ever- evolving needs of IT industries” obtained average scores 4.454 respectively and has been rated as Excellent.



The parameters “Tools and technologies described in the curriculum are enough to design and develop new applications of IT Industry” obtained the scores of 4.368 respectively and has been rated as Excellent which clearly reflects the benefit towards the student expectations.

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 Course Contents of Curriculum are in very much tune with the Program Outcomes and Open Electives are fulfilling the needs of IT industries and laboratory sessions help to improve the student’s technical skills and the courses placed in the curriculum supports both the advanced learners as well as slow learners.

Feedback from faculty 2019-20 (Academic Year) - UG – B. Tech (IT)

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

Table 3: Analysis of feedback from faculty 2019 – 20

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	64.3	32.1	3.6	0	0	4.607	Excellent
Q2	46.4	46.4	7.1	0	0	4.389	Excellent
Q3	71.4	28.6	0	0	0	4.714	Excellent
Q4	67.9	25	7.1	0	0	4.608	Excellent
Q5	71.4	21.4	7.1	0	0	4.639	Excellent
Q6	57.1	28.6	14.3	0	0	4.428	Excellent
Q7	60.7	25	14.3	0	0	4.464	Excellent
Q8	67.9	25	0	0	7.1	4.466	Excellent
Q9	64.3	28.6	0	7.1	0	4.501	Excellent



- 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 highest score of 4.714 was given to the parameter “Allocation of Credits to the Courses are satisfiable” followed by “Electives enable the passion to learn new technologies in emerging areas” with a score of 4.714 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Course Contents of Curriculum are in tune with the Program Outcomes” and “Contact Hour Distribution among the various Course Components (LTP) is Justifiable” obtained average scores 4.607 and 4.608 respectively and has been rated as Excellent.

The parameters “Inclusion of Minor/ Mini Projects improved the technical competency and leadership skills among the students” and “” obtained the scores of 4.501 and 4.466 respectively and has been rated as Excellent which clearly reflects the benefit towards the student expectations. Excellent scores of 4.464, 4.389 and 4.428 were obtained by the parameters “Composition of Basic Sciences, Engineering, Humanities and Management Courses is satisfiable”, “Course Contents enhance the Problem-Solving Skills and Core competencies” and “Curriculum is providing opportunity towards Self learning”.

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 Allocation of Credits to the Courses are very much Excellent, Electives enable the students to learn new technologies in emerging areas and soft skills and laboratory sessions help to improve the student's technical skills and the courses placed in the curriculum supports both the advanced learners as well as slow learners.

Feedback from Alumni 2019-20 (Academic Year) - UG – B. Tech (IT)

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 alumni 2019 – 20

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	38.5	38.5	7.7	15.4	0	4.004	Excellent
Q2	46.2	15.4	30.8	7.7	0	4.004	Excellent
Q3	30.8	7.7	23.1	15.4	23.1	3.08	Good
Q4	38.5	7.7	23.1	15.4	15.4	3.388	Good
Q5	30.8	15.4	7.7	23.1	23.1	3.08	Good
Q6	38.5	7.7	15.4	7.7	30.8	3.157	Good
Q7	46.2	23.1	7.7	0	23.1	3.696	Very Good

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 imparted all the required Job Oriented Skills

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. Ability to compete with your peers from other Universities

Q7. Current Curriculum is superior to your studied Curriculum



The highest score of 4.004 was given to the parameter “Curriculum has paved a good foundation in understanding the basic engineering concepts” followed by “Course Contents of Curriculum are in tune with the Program Outcomes” has been rated as Excellent.

It is clearly visible from the table that the parameter “Current Curriculum is superior to your studied Curriculum” obtained average score 3.696 respectively and has been rated as Very Good. The parameters “Professional and Open Electives of Curriculum served the technical advancements needed to serve in the industry” and “Ability to compete with your peers from other Universities” obtained the scores of 3.388 and 3.157 respectively and has been rated as Good which clearly reflects the benefit towards the student expectations.

Average score of 3.08 was obtained by the parameters “Curriculum imparted all the required Job Oriented Skills” and “Tools and Technologies learnt during laboratory sessions has enriched the problem-solving skills” and has been rated as 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 Curriculum has made a good foundation for student in understanding the basic engineering concepts, Professional and Course Contents are designed in such a way that student will get Problem Solving Skills and Core competencies



Feedback from parents 2019-20 (Academic Year) - UG – B. Tech (IT)

The result derived in terms of percentage of parents with common views, average score, and ratings is presented in Table 5.

Table 5: Analysis of feedback from parents 2019 – 20

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	39.6	39.6	18.9	0	1.8	4.149	Excellent
Q2	39.6	36.9	16.2	5.4	1.8	4.068	Excellent
Q3	27.9	52.3	10.8	0	9	3.901	Very Good
Q4	39.6	37.8	13.5	0	9	3.987	Very Good
Q5	40.5	33.3	17.1	5.4	3.6	4.014	Excellent

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 highest score of 4.14 was given to the parameter “Curriculum enhances the intellectual aptitude of your ward” followed by “Curriculum realizes the personality development and technical skilling of your ward” with a score of 4.06 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Course Curriculum is of the global standard and is in tune with the needs of IT and IT enabled industries” and “Competency of your ward is on par with the students from other Universities/Institutes” obtained average scores 4.01 and 3.98 respectively and has been rated as Very Good.



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The parameters “Satisfaction about the Academic, Emotional Progression of your ward” obtained the score of 3.9 and has been rated as Very Good which clearly reflects the benefit towards the student expectations.

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 student’s soft skills and technical skills for getting jobs in the IT Industry, problem solving skills are also included which helps in the placements and the courses placed in the curriculum supports both the advanced learners as well as slow learners.


Chairman, CDMC