



Department of Computer Science & Engineering.

Minutes of CDMC Meeting

18-05-2018

Curriculum Design and Monitoring Committee meeting for B.Tech CSE program is conducted on 18-05-2018 at VPSF05, 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	<i>D. Venkatesulu</i>
2.	Dr. Hemantha Kumar K, Professor	Member	<i>K.H.K</i>
3.	Dr. S.V.Phani Kumar, Associate Professor	Member	<i>S.P.K</i>
4.	Mr. S.V Rama Krishna, Asst. Professor	Member	<i>S.V.R.K</i>

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:

- ✓ Introduce Technical seminars
- ✓ Incorporating open ended programmatic assignments
- ✓ Revision of Scripting Languages syllabus
- ✓ It would be better if we inculcate the latest technologies in the curriculum and establish good practical lab sessions on them
- ✓ special coding classes are needed it improves the quality of the problem-solving skills

Detailed feedback analysis report is enclosed as Annexure.

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**VIGNAN'S**

Foundation for Science, Technology & Research

(Deemed to be University)

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FEEDBACK ANALYSIS

Feedback has been received from the Alumni 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 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 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 Alumni 2017-18 (Academic Year) - UG – B. Tech (CSE)

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

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	41.4	55.2	3.4	0	0	4.38	Excellent
Q2	44.8	31	13.8	10.3	0	4.1	Excellent
Q3	55.2	27.6	6.9	10.3	0	4.277	Excellent
Q4	31	44.8	17.2	6.9	0	3.996	Very Good
Q5	48.3	37.9	6.9	6.9	0	4.276	Excellent
Q6	37.9	58.6	3.4	0	0	4.341	Excellent

Q7	55.2	44.8	0	0	0	4.552	Excellent
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The highest score of 4.55 was given to the parameter "Q7: Current Curriculum is superior to your studied Curriculum" followed by "Q1: Curriculum has paved a good foundation in understanding the basic engineering concepts" with a score of 4.38 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Q6: Ability to compete with your peers from other Universities", "Q3: Curriculum imparted all the required Job Oriented Skills", "Q5: Tools and Technologies learnt during laboratory sessions has enriched the problem-solving skills" and "Q2: Course Contents of Curriculum are in tune with the Program Outcomes" obtained average scores of 4.341, 4.277, 4.276 and 4.1 and has been rate as Excellent.

The parameter "Q4: Professional and Open Electives of Curriculum served the technical advancements needed to serve in the industry" obtained the average score of 3.996 and has been rated as Very Good.

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) - UG – B. Tech (CSE)

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

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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 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 Alumni 2017-18 (Academic Year) - UG – B. Tech (CSE)

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

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	41.4	55.2	3.4	0	0	4.38	Excellent
Q2	44.8	31	13.8	10.3	0	4.1	Excellent
Q3	55.2	27.6	6.9	10.3	0	4.277	Excellent
Q4	31	44.8	17.2	6.9	0	3.996	Very Good
Q5	48.3	37.9	6.9	6.9	0	4.276	Excellent
Q6	37.9	58.6	3.4	0	0	4.341	Excellent

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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 2017-18 (Academic Year) - UG – B. Tech (CSE)

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

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	41.4	55.2	3.4	0	0	4.38	Excellent
Q2	44.8	31	13.8	10.3	0	4.1	Excellent
Q3	55.2	27.6	6.9	10.3	0	4.277	Excellent
Q4	31	44.8	17.2	6.9	0	3.996	Very Good
Q5	48.3	37.9	6.9	6.9	0	4.276	Excellent
Q6	37.9	58.6	3.4	0	0	4.341	Excellent

Table: Analysis of feedback from Employer 2017 – 18

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	80	8	12	0	0	4.68	Excellent
Q2	40	52	4	4	0	4.28	Excellent
Q3	48	28	20	4	0	4.2	Excellent
Q4	32	60	0	8	0	4.16	Excellent
Q5	56	24	16	0	4	4.28	Excellent

The highest score of 4.68 was given to the parameter “Q1: Course Contents of Curriculum are in tune with the Program Outcomes” followed by “Q2: Curriculum provides the scope for improving the required skills of IT and IT enabled Industry Demands” with a score of 4.28 and has been rated as 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” and “Q3: Professional and Open Electives are fulfilling the ever- evolving needs of IT industries” obtained average scores 4.28 and 4.2 respectively and has been rated as Excellent.

The parameter “Q4: Tools and technologies described in the curriculum are enough to design and develop new applications of IT Industry” obtained the scores of 4.16 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 fulfilling the ever- evolving needs of IT industries and improving the required skills of IT and IT enabled Industry Demands helps the student to get placements.

Feedback from faculty 2017-18 (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.

Table: Analysis of feedback from faculty 2017–18

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	63.6	13.6	16.7	0	6.1	4.286	Excellent
Q2	74.2	25.8	0	0	0	4.742	Excellent
Q3	54.5	45.5	0	0	0	4.545	Excellent
Q4	63.6	30.3	6.1	0	0	4.575	Excellent
Q5	48.5	51.5	0	0	0	4.485	Excellent
Q6	57.6	22.7	19.7	0	0	4.379	Excellent
Q7	74.2	25.8	0	0	0	4.742	Excellent
Q8	54.5	25.8	19.7	0	0	4.348	Excellent
Q9	53	27.3	0	19.7	0	4.136	Excellent

The highest score of 4.742 was given to the parameters "Q2: Course Contents enhance the Problem-Solving Skills and Core competencies" and "Q7: Composition of Basic Sciences, Engineering, Humanities and Management Courses is satisfiable" followed by "Q4: Contact Hour Distribution among the various Course Components (LTP) is Justifiable", Q3: Allocations of Credits to the Courses are satisfiable" with a scores of respectively 4.575 and 4.545 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Q5: Electives enable the passion to learn new technologies in emerging areas", "Q6: Curriculum is providing opportunity towards Self learning", "Q8: Courses with laboratory sessions are sufficient to improve the technical skills of students", "Q1: Course Contents of Curriculum are in tune with the Program Outcomes", and "Q9: Inclusion of Minor/ Mini Projects improved the technical competency and leadership skills among the students" obtained average scores 4.485, 4.379, 4.348, 4.286 and 4.136 respectively and has been rated as Excellent.

Feedback from Parents 2017-18 (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.

Table: Analysis of feedback from Parents 2017 – 18

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	90.4	6	3	0	0.6	4.856	Excellent
Q2	85.5	10.8	2.4	0.6	0.6	4.797	Excellent
Q3	82.5	13.3	2.4	0	1.8	4.747	Excellent
Q4	88	7.2	3	0	1.8	4.796	Excellent
Q5	91	3.6	3.6	0.6	1.2	4.826	Excellent

The highest score of 4.856 “Q1: Curriculum enhances the intellectual aptitude of your ward” and has been rated as Excellent.

The parameter “Q5: Course Curriculum is of the global standard and is in tune with the needs of IT and IT enabled industries” followed by “Q2: Curriculum realizes the personality development and technical skilling of your ward” with a scores of 4.826 and 4.797 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Q4: Competency of your ward is on par with the students from other Universities/Institutes” obtained average score 4.796 and has been rated as Excellent.

The parameter “Q3: Satisfaction about the Academic, Emotional Progression of your ward” obtained the score of 4.747 and has been rated as excellent which clearly reflects the benefit towards the parent’s 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.

Feedback from Students 2017-18 (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.

Table: Analysis of feedback from students 2017 – 18

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	51.4	33.7	9.7	2.9	2.3	4.29	Excellent
Q2	42.5	37.4	19.9	0.2	0	4.222	Excellent

Q3	34.2	40.3	16.9	5.1	3.5	3.966	Very Good
Q4	28.5	34.3	28.7	3.7	4.8	3.78	Very Good
Q5	31.1	43.8	16.6	3.5	5	3.925	Very Good
Q6	29.3	37.7	23.9	4.5	4.5	3.825	Very Good
Q7	29.9	49.2	15.3	2.5	3.1	4.003	Excellent
Q8	27	51.2	14.2	4.4	3.1	3.943	Very Good
Q9	36.2	35.9	17.1	4.7	6.1	3.914	Very Good

The highest score of 4.29 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 4.222 and "Q7: Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable" obtained the average score of 4.003 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Q3: Courses placed in the curriculum serves the needs of both advanced and slow learners"; "Q8: Laboratory sessions are sufficient to improve the technical skills of students" and "Q5: Electives have enabled the passion to learn new technologies in emerging areas" obtained average scores 3.966; 3.943 and 3.925 respectively and has been rated as Very Good.

Average scores of 3.914; 3.825 and 3.78 were obtained by the parameters "Q9: Inclusion of Minor Project/ Mini Projects improved the technical competency and leadership skills among the students"; "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".


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