

**VIGNAN'S**

Foundation for Science, Technology & Research

(Deemed to be UNIVERSITY)





-Estd. u/s 3 of UGC Act 1956

Department of Computer Science & Engineering.**Minutes of CDMC Meeting**

08-06-2021

Curriculum Design and Monitoring Committee meeting for B. Tech CSE program is conducted on 07-06-2021 at Conference Hall, JC Bose block, VFSTR Deemed to be University.

The following members have attended the meeting.

S.No	Members	Designation
1.	Dr. Venkatesulu Professor & Head	Chairman 
2.	Dr. Hemantha Kumar K, Professor	Member 
3.	Dr. S.V.Phani Kumar, Associate Professor	Member 
4.	Mr. S.V Rama Krishna, Asst. Professor	Member 

Agenda of the meeting

1. Analysis of the feedback collected from various stakeholders such as Alumni, Employers, Faculty, and Students during the academic year 2020-21.
2. Any point with the permission of Chair.

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

- ✓ Exclusion of Engineering Chemistry Course from First Year
- ✓ Removal of Theory component for Workshop and Engineering Drawing Courses
- ✓ Inclusion of some emerging AI&ML, Cyber Security related courses in elective pool.
- ✓ Special emphasis on Programming sessions to improve the problem-solving skills

Detailed feedback analysis report is enclosed as Annexure.


HoD, CSE

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B.Tech. CSE 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)

Feed Back from Alumni 2020-21 (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 Alumni 2020 - 21

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	18.4	69.4	10.2	0	2	4.022	Excellent
Q2	22.4	44.9	30.6	0	2	3.854	Very Good
Q3	20.4	40.8	36.7	0	2	3.773	Very Good
Q4	20.4	55.1	22.4	0	2	3.916	Very Good
Q5	24.5	44.9	28.6	0	2	3.899	Very Good
Q6	20.4	40.8	36.7	0	2	3.773	Very Good
Q7	28.6	55.1	14.3	0	2	4.083	Excellent

The highest score of 4.083 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 4.022 and has been rated as Excellent.

The parameters “Q2: Course Contents of Curriculum are in tune with the Program Outcomes”, “Q3: Curriculum imparted all the required Job Oriented Skills” and “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”, and “Q6: Ability to compete with your peers from other Universities” have obtained the average scores of 3.854, 3.773, 3.916, 3.899, and 3.773 respectively and rated as Very good.

Feedback has been received from the employer on the following five 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 2020 - 21 (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.

Table: Analysis of feedback from Employer 2020 - 21

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Avg Score	Rating
Q1	84.8	15.2	0	0	0	4.848	Excellent
Q2	72.7	27.3	0	0	0	4.727	Excellent
Q3	75.8	24.2	0	0	0	4.758	Excellent
Q4	66.7	33.3	0	0	0	4.667	Excellent
Q5	93.9	6.1	0	0	0	4.939	Excellent

The highest score of 4.939 was given to the parameter “Q5: Problem Solving and Soft Skills acquired by the students through the curriculum will enable them to be placed in IT Industry”. Followed by 4.848 and 4.758 was given to the parameters “Q1: Course Contents of Curriculum are in tune with the Program Outcomes” and “Q3: Professional and Open Electives are fulfilling the ever- evolving needs of IT industries” and has been rated as Excellent.

It is clearly visible from the table that the parameter “Q2: Curriculum provides the scope for improving the required skills of IT and IT enabled Industry Demands” and “Q4: Tools and technologies described in the curriculum are enough to design and develop new applications of IT Industry” obtained average score 4.727 and 4.667 respectively and has been rated as Very 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.

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: 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 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 2020 - 21 (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 2020 – 21

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	84.2	14	1.8	0	0	4.824	Excellent
Q2	80.7	17.5	1.8	0	0	4.789	Excellent
Q3	82.4	15.8	1.8	0	0	4.811	Excellent
Q4	75.4	22.8	1.8	0	0	4.736	Excellent
Q5	80.7	17.5	1.8	0	0	4.789	Excellent
Q6	75.4	21.1	3.5	0	0	4.719	Excellent
Q7	84.2	12.2	1.8	0	1.8	4.774	Excellent
Q8	78.9	19.3	1.8	0	0	4.771	Excellent
Q9	84.2	14	1.8	0	0	4.824	Excellent

The highest score of 4.824 was given to the parameters "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" has been rated as Excellent.

Followed by "Q3: Allocations of Credits to the Courses are satisfiable", "Q2: Course Contents enhance the Problem-Solving Skills and Core competencies" and "Q5. Electives enable the passion to learn new technologies in emerging areas", with a scores of 4.811, 4.789 and 4.789 and has been rated as Excellent.

It is clearly visible from the table that the parameters, "Q7: Courses with laboratory sessions are sufficient to improve the technical skills of students" followed by "Q8: Composition of Basic Sciences, Engineering, Humanities and Management Courses is satisfiable", with a scores are 4.774 and 4.771 and has been rated as Excellent.

The parameter with a score of 4.736 and 4.719 was given to "Q4: Contact Hour Distribution among the various Course Components (LTP) is Justifiable", and "Q6: Curriculum is providing opportunity towards Self learning" rated as Excellent.

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

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: 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 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 2020 - 21 (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 2020 – 21

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	45.6	33.1	16.2	4.5	0.6	4.184	Excellent
Q2	44.7	32.4	16.9	4.2	1.8	4.14	Excellent
Q3	46.7	31.5	16	4	1.8	4.175	Excellent

Q4	48.4	30.8	15.7	4.1	1	4.221	Excellent
Q5	49	29.6	16.2	3.2	2	4.204	Excellent
Q6	49.9	29.4	14.3	4.9	1.5	4.209	Excellent
Q7	51.8	30.2	13.5	3.4	1.1	4.284	Excellent
Q8	50.1	27.1	15.4	5.4	2	4.181	Excellent
Q9	54	27.7	12.5	4.4	1.4	4.285	Excellent

The highest score of 4.285 was given to the parameter "Q9" followed by "Q7" with a score of 4.284; Average scores of 4.221 was obtained by the parameter "Q4: Contact Hour Distribution among the various Course Components (LTP) is satisfiable" and has been rated as Excellent.

It is clearly visible from the table that the parameters "Q6: Curriculum is providing opportunity towards Self learning to realize the expectations" with an average score of 4.209; "Q5: Electives have enabled the passion to learn new technologies in emerging areas" with an average score of 4.204 and has been rated as Excellent.; "Q1: Course Contents of Curriculum are in tune with the Program Outcomes"; "Q8: Laboratory sessions are sufficient to improve the technical skills of students"; "Q3: Courses placed in the curriculum serves the needs of both advanced and slow learners"; Q2: Course Contents are designed to enable Problem Solving Skills and Core competencies and with an average scores of 4.184, 4.181, 4.175 and 4.14 respectively and also rated as Excellent.