



VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be University)

-Estd. w/s 3 of UGC Act 1956

Department of Computer Science & Engineering.

Minutes of CDMC Meeting

08-08-2022

Curriculum Design and Monitoring Committee meeting for B. Tech - CSE program conducted on 06-08-2022 at CSE Conference Hall, III Floor, JC Bose block, VFSTR Deemed to be University.

The following members have attended the meeting.

S.No	Members	Designation
1.	Dr. Venkatesulu Dondeti Professor & Head	Chairman
2.	Dr. M.Nirupama Bhatt Professor	Member
3.	Dr. S.V.Phani Kumar Associate Professor	Member
4.	Mr. S.V.Ramakrishna 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 2021-22.
2. Any point with the permission of Chair.

Minutes of the Meeting

The following are the important observations received from the stakeholders:

- ✓ Introduce new courses based on the industry requirements.
- ✓ Suggested to include the Advanced Data Structures and Advanced Java Programming
- ✓ Provide extra slots for laboratory courses.
- ✓ Need to be included in coding competency courses.

Detailed feedback analysis report is enclosed as Annexure.

(Signature)
HoD, CSE
HOD

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AY: 2021-22 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 2021-22 (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 2021 - 22

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	50	25	12.5	0	12.5	4	Excellent
Q2	37.5	25	25	0	12.5	3.75	Very Good
Q3	37.5	25	12.5	12.5	12.5	3.625	Very Good
Q4	50	25	12.5	0	12.5	4	Excellent
Q5	50	12.5	12.5	0	25	3.625	Very Good
Q6	50	12.5	0	25	12.5	3.625	Very Good
Q7	50	12.5	12.5	12.5	12.5	3.75	Very Good

The highest score of 4 was given to the parameter “Q1: Curriculum has paved a good foundation in understanding the basic engineering concepts” and “Q4: Professional and Open Electives of Curriculum served the technical advancements needed to serve in the industry”. Followed by “Q2: Course Contents of Curriculum are in tune with the Program Outcomes” and “Q7: Current Curriculum is superior to your studied Curriculum” with a score of 3.75 and has been rated as a Very Good. The parameters “Q3: Curriculum imparted all the required Job Oriented Skills”, “Q5: Tools and Technologies learnt during laboratory sessions has enriched the problem-solving” and “Q6: Ability to compete with your peers from other Universities” have obtained the average scores of 3.625 each 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 2021 - 22 (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 2021 - 22

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	100	0	0	0	0	5	Excellent
Q2	81.8	18.2	0	0	0	4.818	Excellent
Q3	90.9	9.1	0	0	0	4.909	Excellent
Q4	90.9	9.1	0	0	0	4.909	Excellent
Q5	81.8	18.2	0	0	0	4.818	Excellent

The highest score of 5 was given to the parameter “Q1: Course Contents of Curriculum are in tune with the Program Outcomes”. Followed by “Q3: Professional and Open Electives are fulfilling the ever- evolving needs of IT industries” and “Q4: Tools and technologies described in the curriculum are enough to design and develop new applications of IT Industry” obtained average score of 4.909 each 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 “Q5: Problem Solving and Soft Skills acquired by the students through the curriculum will enable them to be placed in IT Industry” obtained average score of 4.818 each and has been rated as Excellent.

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 2021 - 22 (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 2021 – 22

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	91.2	8.8	0	0	0	4.912	Excellent
Q2	89.5	10.5	0	0	0	4.895	Excellent
Q3	94.7	5.3	0	0	0	4.947	Excellent
Q4	93	7	0	0	0	4.93	Excellent
Q5	96.5	3.5	0	0	0	4.965	Excellent
Q6	94.7	3.5	0	1.8	0	4.911	Excellent
Q7	91.2	8.8	0	0	0	4.912	Excellent
Q8	96.5	3.5	0	0	0	4.965	Excellent
Q9	91.2	8.8	0	0	0	4.912	Excellent

The highest score of 4.965 was given to the parameters Q5. Electives enable the passion to learn new technologies in emerging areas” and “Q8: Courses with laboratory sessions are sufficient to improve the technical skills of students” has been rated as Excellent. Followed by “Q3: Allocations of Credits to the Courses are satisfiable” with a score of 4.947 and has been rated as Excellent. Followed by “Q4: Contact Hour Distribution among the various Course Components (LTP) is Justifiable rated as Excellent” with a score of 4.93 and has been rated as Excellent. Followed by “Q1: Course Contents of Curriculum are in tune with the Program Outcomes”, “Q7: Composition of Basic Sciences, Engineering, Humanities and Management Courses is satisfiable”, and “Q9: Inclusion of Minor/ Mini Projects improved the technical competency and

leadership skills among the students” with a scores of each 4.912 and has been rated as Excellent. Followed by “Q6: Curriculum is providing opportunity towards Self learning” with a score of 4.911 and has been rated as Excellent. Followed by “Q2: Course Contents enhance the Problem-Solving Skills and Core competencies” with a score of 4.895 and has been 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)

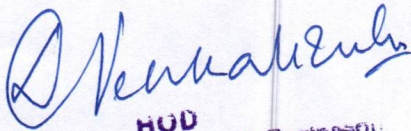
Feedback from Students 2021 - 22 (Academic Year) - UG – B. Tech - CSE

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 2021 – 22

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	66.5	14.2	9.7	3.7	3.3	4.291	Excellent
Q2	65.9	14	10.7	3.5	3.3	4.279	Excellent
Q3	67.2	13.5	9.3	3.3	4.1	4.286	Excellent
Q4	67.3	13.6	9.5	3.1	3.9	4.295	Excellent
Q5	68.9	13.2	8.9	3.2	3.3	4.337	Excellent
Q6	68.4	12.6	9.5	3.3	3.6	4.311	Excellent
Q7	69.7	12.6	8.9	3.3	3	4.352	Excellent
Q8	68.8	12.3	9.2	3	4	4.308	Excellent
Q9	69.8	12.3	8.3	3.3	3.7	4.334	Excellent

The highest score of 4.352 was given to the parameter “Q7: Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable” and rated as Excellent. Followed by “Q5: Electives have enabled the passion to learn new technologies in emerging areas” with a score of 4.337 and has been rated as Excellent. Followed by “Q9: Inclusion of Minor Project/ Mini Projects improved the technical competency and leadership skills among the students” with a score of 4.334 and has been rated as Excellent. Followed by “Q6: Curriculum is providing opportunity towards Self learning to realize the expectations” with a score of 4.311 and has been rated as Excellent. Followed by “Q8: Laboratory sessions are sufficient to improve the technical skills of students” with a score of 4.308 and has been rated as Excellent. Followed by “Q4: Contact Hour Distribution among the various Course Components (LTP) is satisfiable” with a score of 4.295 and has been rated as Excellent. Followed by “Q1: Course Contents of Curriculum are in tune with the Program Outcomes” with a score of 4.291 and has been rated as Excellent. Followed by “Q3: Courses placed in the curriculum serves the needs of both advanced and slow learners” with a score of 4.286 and has been rated as Excellent. Followed by “Q2: Course Contents are designed to enable Problem Solving Skills and Core competencies” with a score of 4.279 and has been rated as Excellent.


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