



Department of Information Technology

Minutes of CDMC Meeting

20-03-2021

The members of Curriculum Design and Monitoring Committee for B.Tech. Information Technology programme met on 20-03-2021 at ATF05, 'U' block, of VFSTR. The following members attended the meeting.

S.No	Members	Designation	Signatures
1.	Dr. K. V. Krishna Kishore	Chairman	
2.	Dr. N.Veeranjanyulu	Member	
3.	Dr. 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, 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:

1. To emphasize the coding/programming skills, more weightage (4 practical hours per week) given for the JAVA and python programming courses.
2. Add employability courses like the Artificial Neural Networks, Natural Language Processing, and Computer Vision.
3. Freedom to select interdisciplinary courses from a large pool of electives courses
4. It is better to introduce the fundamental concepts of Data Science and Data Analytics courses in the curriculum to get the basic information about cutting edge technologies
5. Courses like Cloud Computing, Big data analytics, Artificial Intelligence, and the internet of things can be made as a core category
6. Students can have hands on engineering models in pure practical oriented courses such as Engineering Graphics and Design and Workshop.
7. Emphasis is given to advanced core courses in the curriculum, such as Advanced data structure, Cyber Security, Advanced web technologies, ASP and .Net Technologies, Artificial neural



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networks, Natural language processing, Computer vision, and Robotics & Its applications.

8. To introduce fundamental professional core to create interest in computer architecture and design included core professional course digital logic design in the I year I semester.

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



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Annexure 1

Feedback from Alumni Students 2020-21 (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 Alumni 2020–21

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Average Score	Rating
Q1	27.1	45.8	13.6	11.9	1.7	3.85	Very Good
Q2	35.6	18.6	32.2	11.9	1.7	3.745	Very Good
Q3	23.7	15.3	25.4	16.9	18.6	3.083	Good
Q4	30.5	18.6	23.7	11.9	15.3	3.371	Good
Q5	22	16.9	20.3	23.7	16.9	3.028	Good
Q6	32.2	15.3	23.7	6.8	22	3.289	Good
Q7	42.4	23.7	10.2	6.8	16.9	3.679	Very Good

The highest score of 3.85 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” with a score of 3.745 and has been rated as Very Good.

The parameters “Current Curriculum is superior to your studied Curriculum”, “Professional and Open Electives of Curriculum served the technical advancements needed to serve in the industry”, “Ability to compete with your peers from other Universities” and “Tools and Technologies learnt during laboratory sessions has enriched the problem-solving skills” obtained the scores of 3.679, 3.371, 3.289 and 3.028 respectively.

It is clearly visible from the table that the parameter “Curriculum imparted all the required Job Oriented Skills” obtained the score 3.083 and has been rated as Very Good.



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Feedback from Employer 2020-21 (Academic Year) - UG – B. Tech (IT)

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

Table 2: Analysis of feedback from Employer 2020–21

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Average Score	Rating
Q1	65.9	18.2	4.5	11.4	0	4.386	Excellent
Q2	47.7	25	25	2.3	0	4.181	Excellent
Q3	68.2	6.8	11.4	2.3	11.4	4.184	Excellent
Q4	31.8	47.7	13.6	6.8	0	4.042	Excellent
Q5	52.3	22.7	22.7	0	2.3	4.227	Excellent

The highest score of 4.386 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 4.227 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 “Curriculum provides the scope for improving the required skills of IT and IT enabled Industry Demands” obtained average scores 4.184 and 4.181 respectively and has been rated as Excellent.

The parameter “Tools and technologies described in the curriculum are enough to design and develop new applications of IT Industry” obtained the scores of 4.042 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.



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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 2020-21 (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 2020–21

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Average Score	Rating
Q1	89.5	10.5	0	0	0	4.895	Excellent
Q2	84.2	15.8	0	0	0	4.842	Excellent
Q3	84.2	15.8	0	0	0	4.842	Excellent
Q4	100	0	0	0	0	5	Excellent
Q5	100	0	0	0	0	5	Excellent
Q6	94.7	5.3	0	0	0	4.947	Excellent
Q7	94.7	5.3	0	0	0	4.947	Excellent
Q8	89.5	10.5	0	0	0	4.895	Excellent
Q9	94.7	5.3	0	0	0	4.947	Excellent

The highest score of 5 were given to the parameter Q4: Contact Hour Distribution among the various Course Components (LTP) is Justifiable” and “Q5: Electives enable the passion to learn new technologies in emerging areas” have 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 satisfiable”, “Q6: Curriculum is providing opportunity towards Self learning”, and “Q9: Inclusion of Minor/Mini Projects improved the technical competency and leadership skills among the students” were obtained average score 4.947 and have been rated as Excellent

The parameters “Q1: Course Contents of Curriculum are in tune with the Program Outcomes” and “Q8: Courses with laboratory sessions are sufficient to improve the technical skills of students”

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were obtained the scores of 4.895 and have been rated as Excellent which clearly reflects the benefit towards the student expectations.

Feedback from Students 2020-21 (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 students 2020 – 21

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	42.9	55.1	1	1	0	4.399	Excellent
Q2	46.4	52.1	1	0.2	0.2	4.44	Excellent
Q3	25.2	73.6	0.7	0.2	0.2	4.231	Excellent
Q4	9.5	59.9	19.2	0.5	11	3.567	Very Good
Q5	29.7	69.3	0.5	0.5	0	4.282	Excellent
Q6	31.4	44.9	23.2	0.5	0	4.072	Excellent
Q7	18.5	60.3	0.2	0.2	20.7	3.554	Very Good
Q8	21.7	66.1	11.7	0.5	0	4.09	Excellent
Q9	70.6	27.7	1.2	0.5	0	4.684	Excellent

The highest score of 4.684 was given to the parameter “Q9: Inclusion of Minor Project/ Mini Projects improved the technical competency and leadership skills among the students” followed by “Q2: Course Contents are designed to enable Problem Solving Skills and Core competencies” with a score of 4.44 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Q1: Course Contents of Curriculum are in tune with the Program Outcomes” and “Q5: Electives have enabled the passion to learn new technologies in emerging areas” obtained average scores 4.399 and 4.282 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 “Q8: Laboratory sessions are sufficient to improve the technical skills of students” obtained the scores of 4.231 and 4.09 respectively and has been rated as Very Good which clearly reflects the benefit towards the student expectations.

Average scores of 4.072; 3.567 and 3.554 were obtained by the parameters “Q6: Curriculum is providing opportunity towards Self learning to realize the expectations”; “Q4: Contact Hour Distribution among the various Course Components (LTP) is Satisfiable” and “Q7: Composition



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of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable”.

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.

Chairman, CDMC