VIGNAN'S
Foundation for Science, Technology & Research
-Estd. u/s 3 of UGC Act 1956

Vadlamudi – 522 213, Guntur Dt. AP, India

Department of Information Technology

Minutes of CDMC Meeting

29-03-2018

The members of Curriculum Design and Monitoring Committee for B.Tech. Information Technology programme met on 29-03-2019 at ASF04, '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 2017-18.
2. Any point with the permission of Chair.

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

1. Add skill-based courses to the curriculum
2. Include the seminars and project-based learning
3. Include add on value courses during the semester back time to get exposure towards industry-related technologies
4. Courses like Cloud Computing, Big data analytics, machine learning, and internet of things can be made as a core category
5. DWDM is the course being offered in IV B. Tech I semester. BDA is the course being offered as an elective course. As DWDM is a prerequisite for BDA, DWDM should be offered in earlier

6. Python Programming is not included it is better to include python programming in the next Curriculum
7. Offer courses on open source technologies to implement projects
8. Need to get real-time exposure and design & solve the local problems
9. Include Employability and skill-oriented courses
10. Include more importance in problem-solving skills in the 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 2017-18 (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 2017 – 18

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	48.1	34.1	10.9	3.1	3.5	4.193	Excellent
Q2	44.6	27.9	14.3	5	7.8	3.953	Very Good
Q3	33.7	37.6	16.7	8.1	3.5	3.887	Very Good
Q4	29.1	33.7	22.5	3.9	10.5	3.661	Very Good
Q5	32.6	34.1	20.5	5	7.4	3.783	Very Good
Q6	19	39.9	26.4	7	7.4	3.552	Very Good
Q7	35.3	39.9	17.8	3.1	3.5	3.992	Very Good
Q8	24.4	47.7	17.4	6.2	3.9	3.813	Very Good
Q9	31.4	32.6	22.5	4.7	8.5	3.728	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 4.19 was given to the parameter "Course Contents of Curriculum are in tune with the Program Outcomes" followed by "Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable" with a score of 3.99 and has been rated as Excellent and Very Good respectively.

It is clearly visible from the table that the parameters "Course Contents are designed to enable Problem Solving Skills and Core competencies" and "Courses placed in the curriculum serves the needs of both advanced and slow learners" obtained average scores 3.95 and 3.88 respectively and has been rated as Very Good.

The parameters "Laboratory sessions are sufficient to improve the technical skills of students" and "Electives have enabled the passion to learn new technologies in emerging areas" obtained the scores of 3.81 and 3.78 respectively and has been rated as Very Good which clearly reflects the benefit towards the student expectations.

Average scores of 3.72, 3.66 and 3.55 were obtained by the parameters "Inclusion of Minor Project/ Mini Projects improved the technical competency and leadership skills among the students", "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 2017-18 (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 2017 – 18

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	100	0	0	0	0	5	Excellent
Q2	66.7	33.3	0	0	0	4.667	Excellent
Q3	100	0	0	0	0	5	Excellent
Q4	66.7	33.3	0	0	0	4.667	Excellent
Q5	100	0	0	0	0	5	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 5 was given to the parameters "Course Contents of Curriculum are in tune with the Program Outcomes" followed by "Professional and Open Electives are fulfilling the ever-evolving needs of IT industries" and "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 3.99 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 "Tools and technologies described in the curriculum are enough to design and develop new applications of IT Industry" obtained average scores 4.667 respectively and has been rated as Excellent.
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 framed with the Program Outcomes, Open electives makes the student to learn new technologies for the placements in the IT Industry and laboratory sessions help to improve the student's technical skills and Curriculum provides the scope for improving the required skills of IT and IT enabled Industry Demands.

Feedback from faculty 2017-18 (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 2017 – 18

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	60.9	30.4	8.7	0	0	4.522	Excellent
Q2	43.5	52.2	4.3	0	0	4.392	Excellent
Q3	69.6	26.1	0	0	4.3	4.567	Excellent
Q4	65.2	17.4	17.4	0	0	4.478	Excellent
Q5	78.3	13	8.7	0	0	4.696	Excellent
Q6	60.9	26.1	8.7	0	4.3	4.393	Excellent
Q7	65.2	21.7	13	0	0	4.518	Excellent
Q8	73.9	17.4	4.3	0	4.3	4.563	Excellent
Q9	65.2	26.1	4.3	4.3	0	4.519	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 4.698 was given to the parameter "Electives enable the passion to learn new technologies in emerging areas" followed by "Allocation of Credits to the Courses are satisfiable" with a score of 3.99 and has been rated as Excellent.

It is also clearly visible from the table that the parameters "Courses with laboratory sessions are sufficient to improve the technical skills of students" , "Inclusion of Minor/ Mini Projects improved the technical competency and leadership skills among the students " and "Composition of Basic Sciences, Engineering, Humanities and Management Courses is satisfiable" obtained average scores 4.563,4.519 and 4.518 respectively and these parameters also has been rated as Excellent.

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 the scores of 4.522 and 4.478 respectively and has been rated as Excellent which clearly reflects the benefit towards the student expectations.

The scores of 4.393 and 4.392 were obtained by the parameters "Curriculum is providing opportunity towards Self learning" and "Course Contents enhance the Problem-Solving Skills and Core competencies" are also rated as Excellent.

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 Electives enable the students to learn new technologies in emerging areas, course contents of the curriculum are very much in tune with the program outcomes 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 2017-18 (Academic Year) - UG – B. Tech (IT)

The result derived in terms of percentage of alumni with common views, average score, and ratings is presented in Table 4.

Table 4: Analysis of feedback from alumni 2017 – 18

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	40	40	0	20	0	4	Excellent
Q2	60	0	20	20	0	4	Excellent
Q3	20	20	20	0	40	2.8	Moderate
Q4	40	0	40	0	20	3.4	Good
Q5	20	20	20	0	40	2.8	Moderate
Q6	40	20	0	0	40	3.2	Good
Q7	80	0	0	0	20	4.2	Excellent

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 4.2 was given to the parameter "Current Curriculum is superior to your studied Curriculum" followed by "Curriculum has paved a good foundation in understanding the basic engineering concepts" and "Course Contents of Curriculum are in tune with the Program Outcomes" with a scores of 4 and has been rated as Excellent.

It is clearly visible from the table that 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 average scores 3.4 and 3.2 respectively and has been rated as Good.

The parameters "Curriculum imparted all the required Job Oriented Skills" and "Tools and Technologies learnt during laboratory sessions has enriched the problem-solving skills" obtained the scores of 2.8 respectively and has been rated as Moderate.

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 Present Curriculum is superior to previous studied Curriculum, This Curriculum has good foundation in understanding the basic engineering concepts and Professional and Open Electives of Curriculum makes the student to serve the technical advancements needed to serve in the industry.

Feedback from parents 2017-18 (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 2017 – 18

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	45.5	32.7	18.2	0	3.6	4.165	**Excellent**
Q2	45.5	32.7	14.5	3.6	3.6	4.126	**Excellent**
Q3	36.4	41.8	10.9	0	10.9	3.928	**Very Good**
Q4	45.5	29.1	14.5	0	10.9	3.983	**Very Good**
Q5	45.5	21.8	21.8	3.6	7.3	3.946	**Very Good**

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 4.16 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 4.12 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Competency of your ward is on par with the students from other Universities/Institutes" and "Course Curriculum is of the global standard and is in tune with the needs of IT and IT enabled industries" obtained average scores 3.98 and 3.94 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 3.92 respectively 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 curriculum provides the scope to improve the student's required skills of IT and IT enabled Industry Demands technical skills for placements, Tools and Technologies are helpful to design and develop new applications of IT industry and the courses placed in the curriculum supports both the advanced learners as well as slow learners.

Chairman, CDMC