



Minutes of CDMC Meeting

03-05-2019

The members of Curriculum Design and Monitoring Committee for Bachelor Computer Applications programme met on 03-05-2019 at ASF05, 'U' block, of VFSTR. The following members attended the meeting.

S.No	Members	Designation	Signatures
1.	Dr. K. V. Krishna Kishore Professor & Head	Chairman	
2.	Dr.N. Veeranjanyulu	Member	
3.	Mr.K.Praveen Kumar	Member	
4.	Mrs.K.Santhi sri	Member	

Agenda of the meeting

1. Analysis of the feedback collected from various stakeholders such as Faculty, Parents and Students, Alumni, and Employers during the academic year 2018-19.
2. Any point with the permission of Chair.

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

1. Improve the project-based learning in the curriculum
2. Add employability courses like the internet of things, scripting languages, and cloud computing, etc.
3. The curriculum must be suitable for writing national competitive examinations and industry needs
4. It is better to include more practical oriented topics from the 2nd Unit onwards instead of theoretical issues in the Big Data Analytics course.
5. The curriculum must improve the placements of the department
6. Introduction of emerging courses like blockchain technologies, mobile application development, multimedia computing, etc and more focus on practical learning



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7. Software development frameworks and tools better to offer from 2nd year onwards in the curriculum
8. It is better to include more practical oriented topics from the 2nd Unit onwards instead of theoretical issues in the Big Data Analytics course
9. Introduce more practical oriented courses like python, R programming, data analytics
10. Include more importance in problem solving skills in 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 2018-19 (Academic Year) - UG –(BCA)

The result derived in terms of percentage of students with common views, average score, and ratings are presented in Table 1.

Table 1: Analysis of feedback from students 2018 – 19

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	52.6	39.5	7.9	0	0	4.447	Excellent
Q2	55.3	39.5	5.3	0	0	4.504	Excellent
Q3	28.9	52.6	15.8	0	2.6	4.049	Excellent
Q4	15.8	50	23.7	0	10.5	3.606	Very Good
Q5	28.9	55.3	10.5	5.3	0	4.078	Excellent
Q6	39.5	36.8	23.7	0	0	4.158	Excellent
Q7	31.6	47.4	15.8	0	5.3	4.003	Excellent
Q8	23.7	55.3	18.4	0	2.6	3.975	Very Good
Q9	36.8	39.5	18.4	5.3	0	4.078	Excellent

- 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)

The highest score of 4.504 was given to the parameter “Course Contents are designed to enable Problem Solving Skills and Core competencies” followed by “Course Contents of Curriculum are in tune with the Program Outcomes” with a score of 4.447 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Curriculum is providing opportunity towards Self learning to realize the expectations” and “Inclusion of Minor Project/ Mini Projects improved the technical competency and leadership skills among the students” obtained average scores 4.158 and 4.078 respectively and has been rated as Excellent.

The parameters “Electives have enabled the passion to learn new technologies in emerging areas” and “Courses placed in the curriculum serves the needs of both advanced and slow learners” obtained the scores of 4.078 and 4.049 respectively and has been rated as Excellent which clearly reflects the benefit towards the student expectations.

Average scores of 4.003, 3.975 and 3.606 were obtained by the parameters “Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable”, “Laboratory sessions are sufficient to improve the technical skills of students” and “Contact Hour Distribution among the various Course Components (LTP) is 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 student’s technical skills and the courses placed in the curriculum supports both the advanced learners as well as slow learners.



Feedback from Employers 2018-19 (Academic Year) - UG – (BCA)

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 2018 – 19

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	83.3	0	0	16.7	0	4.499	Excellent
Q2	75	8.3	16.7	0	0	4.583	Excellent
Q3	83.3	16.7	0	0	0	4.833	Excellent
Q4	50	33.3	0	16.7	0	4.166	Excellent
Q5	58.3	33.3	0	8.3	0	4.413	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 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)

The highest score of 4.83 was given to the parameter “Professional and Open Electives are fulfilling the ever- evolving needs of IT industries” followed by “Curriculum provides the scope



for improving the required skills of IT and IT enabled Industry Demands” with a score of 4.58 and has been rated as Excellent and Good.

Average scores of 4.49, 4.41 and 4.16 were obtained by the parameters “Course Contents of Curriculum are in tune with the Program Outcomes”, “Problem Solving and Soft Skills acquired by the students through the curriculum will enable them to be placed in IT Industry” and “Tools and technologies described in the curriculum are enough to design and develop new applications of IT Industry”.

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 faculty 2018-19 (Academic Year) - UG – (BCA)

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 2018 – 19

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	67.9	28.6	3.6	0	0	4.647	Excellent
Q2	53.6	42.9	3.6	0	0	4.504	Excellent
Q3	75	21.4	0	0	3.6	4.642	Excellent
Q4	67.9	21.4	10.7	0	0	4.572	Excellent
Q5	78.6	14.3	7.1	0	0	4.715	Excellent
Q6	64.3	21.4	10.7	0	3.6	4.428	Excellent
Q7	67.9	17.9	14.3	0	0	4.54	Excellent
Q8	75	17.9	3.6	0	3.6	4.61	Excellent
Q9	71.4	21.4	3.6	3.6	0	4.606	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 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)

The highest score of 4.715 was given to the parameter “Electives enable the passion to learn new technologies in emerging areas” followed by “Course Contents of Curriculum are in tune with the Program Outcomes” with a score of 4.647 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Allocation of Credits to the Courses are satisfiable” and “Laboratory sessions are sufficient to improve the technical skills of students” obtained average scores 4.642 and 4.61 respectively and has been rated as Excellent.

The parameters “Inclusion of Minor/ Mini Projects improved the technical competency and leadership skills among the students” and “Contact Hour Distribution among the various Course Components (LTP) is Justifiable” obtained the scores of 4.606 and 4.572 respectively and has been rated as Excellent which clearly reflects the benefit towards the student expectations.

Average scores of 4.54, 4.504 and 4.428 were obtained by the parameters “Composition of Basic Sciences, Engineering, Humanities and Management Courses is satisfiable”, “Course Contents



enhance the Problem-Solving Skills and Core competencies” and “Curriculum is providing opportunity towards Self learning ”.

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 alumni 2018-19 (Academic Year) - UG – (BCA)

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 2018 – 19

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	15	45	30	5	5	3.6	Very Good
Q2	20	25	30	20	5	3.35	Good
Q3	25	30	20	15	10	3.45	Good
Q4	10	35	35	10	10	3.25	Good
Q5	20	15	30	30	5	3.15	Good
Q6	10	30	45	10	5	3.3	Good
Q7	25	15	20	25	15	3.1	Good

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)

The highest score of 3.6 was given to the parameter "Curriculum has paved a good foundation in understanding the basic engineering concepts" followed by "Curriculum imparted all the required Job Oriented Skills" with a score of 3.45 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Course Contents of Curriculum are in tune with the Program Outcomes" and "Ability to compete with your peers from other Universities" obtained average scores 3.35 and 3.3 respectively and has been rated as Very Good.

Average scores of 3.25, 3.15 and 3.1 were obtained by the parameters "Professional and Open Electives of Curriculum served the technical advancements needed to serve in the industry", "Tools and Technologies learnt during laboratory sessions has enriched the problem-solving skills" and "Current Curriculum is superior to your studied Curriculum".

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 parents 2018-19 (Academic Year) - UG – (BCA)

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 2018 – 19

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	42.9	37.1	20	0	0	4.229	Excellent
Q2	42.9	34.3	17.1	5.7	0	4.144	Excellent
Q3	40	48.6	11.4	0	0	4.286	Excellent
Q4	42.9	42.9	14.3	0	0	4.29	Excellent
Q5	40	34.3	20	5.7	0	4.086	Excellent

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 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)

The highest score of 4.29 was given to the parameter “Competency of your ward is on par with the students from other Universities/Institutes” followed by “Satisfaction about the Academic, Emotional Progression of your ward” with a score of 4.286 and has been rated as Excellent.

Average scores of 4.229, 4.144 and 4.086 were obtained by the parameters “Curriculum enhances the intellectual aptitude of your ward”, “Curriculum realizes the personality development and



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technical skilling of your ward” and “Course Curriculum is of the global standard and is in tune with the needs of IT and IT enabled industries”.

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Chairman, CDMC