



Minutes of CDMC Meeting

20-02-2018

The members of Curriculum Design and Monitoring Committee for Master of Computer Applications (MCA) programme met on 20-02-2018 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 2017-18.
2. Any point with the permission of Chair.

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

1. Introduce Advanced courses as department electives
2. Include employability courses to understand the industry prospective
3. Strengthen the coding skills by allocating at least 50% of course to laboratories in the curriculum
4. Courses like Cloud Computing, Big data analytics, machine learning, and the internet of things can be made as a core category
5. It is better to include more practical oriented topics from the 2nd Unit onwards instead of theoretical issues in the Big Data Analytics course.



6. It is better to remove the number systems and introduction to computer issues from Unit-I and better to add programming issues and problem-solving techniques in Problem-solving and Computer Programming course.
7. It is essential to include functional and scripting languages for the students very early in the programme and include the various case studies on programming knowledge.
8. Database design, data retrieval, and backup related issues need to discuss in the courses. Many industries are concentrating on database operations and backup issues.
9. Add employability courses in curriculum
10. Add more courses related to IT company

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) - PG – MCA

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	56.3	43.8	0	0	0	4.567	Excellent
Q2	56.3	40.6	3.1	0	0	4.532	Excellent
Q3	43.8	37.5	12.5	0	6.3	4.128	Excellent
Q4	18.8	46.9	25	0	9.4	3.66	Very Good
Q5	31.3	50	18.8	0	0	4.129	Excellent
Q6	43.8	40.6	15.6	0	0	4.282	Excellent
Q7	31.3	50	15.6	0	3.1	4.064	Excellent
Q8	28.1	62.5	9.4	0	0	4.187	Excellent
Q9	31.3	40.6	25	3.1	0	4.001	Excellent

Q1.Course Contents of Curriculum are in tune with the Program Outcomes

Q2.Course Contents are well designed to enable Problem Solving Skills and Core competencies

Q3.Courses placed in the curriculum serve 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.Courses with laboratory sessions are sufficient to improve the technical skills

Q8.Research Projects improved the technical competency and leadership skills

Q9.Tools and technologies described in the curriculum are enough to design and develop new applications.

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 4.567 was given to the parameter “Course Contents of Curriculum are in tune with the Program Outcomes” followed by “Course Contents are well designed to enable Problem Solving Skills and Core competencies” with a score of 4.532 and has been rated as Excellent respectively.

It is clearly visible from the table that the parameters “Curriculum is providing opportunity towards self-learning to realize the expectations” and “Research Projects improved the technical competency and leadership skills” obtained average scores 4.282 and 4.187 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 serve the needs of both advanced and slow learners” obtained the scores of 4.129 and 4.128 respectively and has been rated as Excellent which clearly reflects the benefit towards the student expectations.

Average scores of 4.064, 4.001 and 3.66 were obtained by the parameters “Courses with laboratory sessions are sufficient to improve the technical skills”, “Tools and technologies described in the curriculum are enough to design and develop new applications” 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 alumni 2017-18 (Academic Year) - PG – MCA

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

Table 2: Analysis of feedback from alumni 2017 – 18

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	100	0	0	0	0	5	Excellent
Q2	100	0	0	0	0	5	Excellent
Q3	78.8	21.2	0	0	0	4.788	Excellent
Q4	51.5	48.5	0	0	0	4.515	Excellent
Q5	78.8	21.2	0	0	0	4.788	Excellent
Q6	100	0	0	0	0	5	Excellent
Q7	100	0	0	0	0	5	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 enriched the research abilities to pursue higher education in the thrust areas of Computer Science

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. Competing with your peers from other Universities

Q7. 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 5 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 5 and has been rated as Excellent.

It is clearly visible from the table that the parameters “Competing with your peers from other Universities” and “Curriculum is superior to your studied Curriculum” obtained average scores 5 and 5 respectively and has been rated as Excellent.

Average scores of 4.78, 4.78 and 4.51 were obtained by the parameters “Curriculum enriched the research abilities to pursue higher education in the thrust areas of Computer Science”, “Tools and Technologies learnt during laboratory sessions has enriched the problem-solving skills” and “Professional and Open Electives of Curriculum served the technical advancements needed to serve in the 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 2017-18 (Academic Year) - PG – MCA

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	65.2	26.1	8.7	0	0	4.565	Excellent
Q2	56.5	39.1	4.3	0	0	4.518	Excellent
Q3	69.6	30.4	0	0	0	4.696	Excellent
Q4	60.9	21.7	17.4	0	0	4.435	Excellent
Q5	82.6	13	4.3	0	0	4.779	Excellent
Q6	69.6	21.7	8.7	0	0	4.609	Excellent
Q7	69.6	21.7	8.7	0	0	4.609	Excellent
Q8	73.9	21.7	0	0	4.3	4.606	Excellent
Q9	65.2	30.4	0	4.3	0	4.562	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.Curriculum enable the research abilities of the students in thrust areas of Computer Science

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.Apply tools and technologies described in the curriculum are enough to design and develop new applications to serve the local needs.

Q8.Courses with 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 4.779 was given to the parameter “Electives enable the passion to learn new technologies in emerging areas” followed by “Curriculum enable the research abilities of the students in thrust areas of Computer Science” with a score of 4.696 and has been rated as Excellent respectively.

It is clearly visible from the table that the parameters “Curriculum is providing opportunity towards self-learning” and “Apply tools and technologies described in the curriculum are enough to design and develop new applications to serve the local needs” obtained average scores 4.609 and 4.609 respectively and has been rated as Excellent.

The parameters “Courses with laboratory sessions are sufficient to improve the technical skills of students” and “Inclusion of Minor Project/ Mini Projects improved the technical competency and leadership skills among the students” obtained the scores of 4.606 and 4.565 respectively and has been rated as Excellent which clearly reflects the benefit towards the student expectations.

Average scores of 4.562, 4.518 and 4.435 were obtained by the parameters “Course Contents of Curriculum are in tune with the Program Outcomes”, “Course Contents enhance the Problem-Solving Skills and Core competencies” and “Contact Hour Distribution among the various Course Components (LTP) is Justifiable”.

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) - PG – MCA

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

Table 4: Analysis of feedback from employers 2017 – 18

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	96.4	3.6	0	0	0	4.964	Excellent
Q2	89.3	10.7	0	0	0	4.893	Excellent
Q3	78.6	21.4	0	0	0	4.786	Excellent
Q4	57.1	42.9	0	0	0	4.571	Excellent
Q5	82.1	17.9	0	0	0	4.821	Excellent

Q1.Course Contents of Curriculum are in tune with the Program Outcomes

Q2.Curriculum has 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 sufficient 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 4.96 was given to the parameter “Course Contents of Curriculum are in tune with the Program Outcomes” followed by “Curriculum has the scope for improving the required skills of IT and IT enabled Industry Demands” with a score of 4.89 and has been rated as Excellent.

Average scores of 4.82, 4.78 and 4.57 were obtained by the parameters “Problem Solving and Soft Skills acquired by the students through the curriculum will enable them to be placed in IT



Industry”, “Professional and Open Electives are fulfilling the ever- evolving needs of IT industries” and “Tools and technologies described in the curriculum are sufficient 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 parents 2017-18 (Academic Year) - PG – MCA

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	29.3	51.2	19.5	0	0	4.098	Excellent
Q2	29.3	41.5	19.5	9.8	0	3.906	Very Good
Q3	22	56.1	9.8	0	12.2	3.76	Very Good
Q4	29.3	48.8	9.8	0	12.2	3.833	Very Good
Q5	29.3	48.8	9.8	9.8	2.4	3.931	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 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).



VIGNAN'S

Foundation for Science, Technology & Research

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(Estd u/s 3 of UGC Act of 1956)

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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 4.098 was given to the parameter “Curriculum enhances the intellectual aptitude of your ward” followed by “Course Curriculum is of global standard and is in tune with the needs of IT and IT enabled industries” with a score of 3.931 and has been rated as Excellent and Very Good respectively.

Average scores of 3.906, 3.833 and 3.76 were obtained by the parameters “Curriculum realizes the personality development and technical skilling of your ward”, “Competency of your ward is on par with the students from other Universities/Institutes” and “Satisfaction about the Academic, Emotional Progression of your ward”.

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.

Chairman, CDMC