VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

Department of Information Technology

Vadlamudi – 522 213, Guntur Dt. AP, India

Minutes of CDMC Meeting

10-03-2016

The members of Curriculum Design and Monitoring Committee for Master of Computer Applications (MCA) programme met on 10-03-2016 at ASF05, 'U' block, of VFSTR. The following members attended the meeting.

S.No	Members	Designation	Signatures
1.	Dr. N. Veeranjanayulu Professor & Head	Chairman	
2.	Mr.B.Premamayudu	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 2015-16.
2. Any point with the permission of Chair.

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

1. Improve the skill development courses in the curriculum
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. Include more courses on Web technologies and rapid software development tools
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 2015-16 (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 2015–16

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	63.6	36.4	0	0	0	4.636	Excellent
Q2	45.5	45.5	9.1	0	0	4.368	Excellent
Q3	54.5	27.3	18.2	0	0	4.363	Excellent
Q4	0	45.5	45.5	0	9.1	3.276	Good
Q5	18.2	72.7	9.1	0	0	4.091	Excellent
Q6	63.6	18.2	18.2	0	0	4.454	Excellent
Q7	18.2	54.5	18.2	0	9.1	3.727	Very Good
Q8	36.4	54.5	9.1	0	0	4.273	Excellent
Q9	27.3	45.5	27.3	0	0	4.004	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 4.636 was given to the parameter "Course Contents of Curriculum are in tune with the Program Outcomes" followed by "Curriculum is providing opportunity towards self-learning to realize the expectations" with a score of 4.454 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Course Contents are well designed to enable Problem Solving Skills and Core competencies" and "Courses placed in the curriculum serve the needs of both advanced and slow learners" obtained average scores 4.368 and 4.363 respectively and has been rated as Excellent.

The parameters "Curriculum is providing opportunity towards Self learning to realize the expectations" and "Electives have enabled the passion to learn new technologies in emerging areas" obtained the scores of 4.273 and 4.091 respectively and has been rated as Excellent which clearly reflects the benefit towards the student expectations.

Average scores of 4.004, 3.727 and 3.276 were obtained by the parameters "Tools and technologies described in the curriculum are enough to design and develop new applications", "Courses with laboratory sessions are sufficient to improve the technical skills" 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.

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Feedback from Alumni 2015-16 (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 2015–16

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	76.7	23.3	0	0	0	4.767	Excellent
Q4	56.7	43.3	0	0	0	4.567	Excellent
Q5	76.7	23.3	0	0	0	4.767	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 4.76, 4.76 and 4.56 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 employers 2015-16 (Academic Year) - PG –MCA

The result derived in terms of percentage of employers with common views, average score, and ratings is presented in Table 3.

Table 3: Analysis of feedback from employers 2015–16

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	94.1	5.9	0	0	0	4.941	Excellent
Q2	82.4	17.6	0	0	0	4.824	Excellent
Q3	64.7	35.3	0	0	0	4.647	Excellent
Q4	52.9	47.1	0	0	0	4.529	Excellent
Q5	70.6	29.4	0	0	0	4.706	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 4.94 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 4.82 and has been rated as Excellent and Excellent.

Average scores of 4.70, 4.64 and 4.52 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 faculty 2015-16 (Academic Year) - PG –MCA

The result derived in terms of percentage of faculty with common views, average score, and ratings is presented in Table 5.

Table 5: Analysis of feedback from faculty 2015–16

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	71.4	28.6	0	0	0	4.714	Excellent
Q2	57.1	38.1	4.8	0	0	4.523	Excellent
Q3	81	14.3	0	0	4.8	4.67	Excellent
Q4	76.2	14.3	9.5	0	0	4.667	Excellent
Q5	81	14.3	4.8	0	0	4.766	Excellent
Q6	66.7	19	9.5	0	4.8	4.428	Excellent
Q7	76.2	14.3	9.5	0	0	4.667	Excellent
Q8	76.2	19	4.8	0	0	4.714	Excellent
Q9	76.2	19	4.8	0	0	4.714	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 4.76 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 4.71 and has been rated as Excellent.

It is clearly visible from the table that 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 average scores 4.71 and 4.71 respectively and has been rated as Excellent.

The parameters "Electives enable the passion to learn new technologies in emerging areas " and "Curriculum enable the research abilities of the students in thrust areas of Computer Science" obtained the scores of 4.76 and 4.67 respectively and has been rated as Very Good which clearly reflects the benefit towards the student expectations.

Average scores of 4.667, 4.523 and 4.428 were obtained by the parameters "Apply tools and technologies described in the curriculum are enough to design and develop new applications to serve the local needs", "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 parents 2015-16 (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 2015–16

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	27.3	54.5	18.2	0	0	4.091	**Excellent**
Q2	27.3	45.5	18.2	9.1	0	3.913	**Very Good**
Q3	9.1	72.7	9.1	0	9.1	3.727	**Very Good**
Q4	27.3	54.5	9.1	0	9.1	3.909	**Very Good**
Q5	27.3	54.5	9.1	9.1	0	4	**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 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 4.091 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 4 and has been rated as Excellent very good respectively.

Average scores of 3.913, 3.909 and 3.727 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.

N. [illegible]

Chairman, CDMC