DEPARTMENT OF CIVIL ENGINEERING
Minutes of CDMC Meeting

07-03-2016

The members of Curriculum Design and Monitoring Committee for M.Tech, Strucural Engineering (MSE) program met on 07-03-2016 at AFF-10, 'U' block, of VFSTR. The following members attended the meeting.

S.No	Members	Designation	Signatures
1.	Dr. AlimeluV.Hebsur Associate& Head	Chairman	A·V· Hebsur
2.	Mr.P.PadmaRao	Member	
3.	Mr.B.J.N.Satish	Member	R.J.N
4.	Mr.P.Sathish	Member	P. Satish

Agenda of the meeting

Analysis of the feedback collected from various stakeholders such as Alumni, Employers, Faculty, Parents and Students during the academic year 2015-16.

The followingare the important points of analysis obtained from various stakeholders:

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.

Times to time meetings were conducted at the department level to leverage new and advanced techniques to combat the learning difficulties of the students by considering their Employer's feedback.

From the feedback analysis, provision of advanced laboratory equipment helps students in getting deep knowledge on the subject.

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.

A·V· Hebsur
Chairman, CDMC

ANNEXURE 1
PG STUDENT FEEDBACK ANALYSIS

Feedback has been received from the students on the following nine parameters:

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

Q2. The 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 of Structural Engineering

Q6. The Curriculum is providing opportunity towards Self learning to realize the expectations of present trend in design and research needs

Q7. Inclusion of Employability Orientation Program and Research Methodology in the curriculum is useful in career enhancement

Q8. No. of Laboratory Sessions Integrated with Theory Courses have been sufficient to improve the technical as well as practical skills in Structural Engineering

Q9. Introducing Mini Projects and Socio-centric Projects along with Theory Courses improved the research 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)

Feedback from Students 2015-16 (Academic Year) - PG – M. Tech (MSE)

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

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	50	47.6	2.4	0	0	4.476	Excellent
Q2	45.2	52.4	2.4	0	0	4.428	Excellent
Q3	16.7	66.7	14.3	0	2.4	3.956	Very Good
Q4	23.8	35.7	31	2.4	7.1	3.667	Very Good
Q5	14.3	59.5	23.8	0	2.4	3.833	Very Good
Q6	42.9	33.3	23.8	0	0	4.191	Excellent
Q7	26.2	59.5	14.3	0	0	4.119	Excellent
Q8	33.3	54.8	11.9	0	0	4.214	Excellent
Q9	21.4	52.4	21.4	2.4	2.4	3.88	Very Good

The highest score of 4.476 was given to the parameter "Q1: The Course Contents of Curriculum are in tune with the Program Outcomes" followed by "Q2: The Course Contents are designed to enable Problem Solving Skills and Core competencies" with a score of 4.428 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Q8: No. of Laboratory Sessions Integrated with Theory Courses have been sufficient to improve the technical as well as practical skills in Structural Engineering ; "Q6: The Curriculum is providing opportunity towards Self learning to realize the expectations of present trend in design and research needs"; and "Q7: Inclusion of Employability Orientation Program and Research Methodology in the curriculum is useful in career enhancement" obtained the average scores are 4.214; 4.191; and 4.119 respectively has been rated as Excellent.

Average scores of 3.956; 3.88; 3.833 and 3.667 were obtained by the parameters "Q3: Courses placed in the curriculum serves the needs of both advanced and slow learners"; "Q9: Introducing Mini Projects and Socio-centric Projects along with Theory Courses improved the research competency and leadership skills among the students"; "Q5: Electives have enabled the passion to learn new technologies in emerging areas of Structural Engineering" and "Q4: Contact Hour Distribution among the various Course Components (LTP) is Satisfiable".

PG FACULTY FEEDBACK ANALYSIS

Feedback has been received from the Faculty on the following nine parameters:

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

Q2: Course Contents can 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 Satisfiable

Q5: Electives enable the passion to learn new technologies in emerging areas of Structural Engineering

Q6: The Curriculum is providing opportunity towards Self learning to realize the expectations of present trend in design and research needs

Q7: The inclusion of Employability Orientation Program and Research Methodology in the curriculum Satisfiable

Q8: The number of theoretical courses amalgamated with laboratory sessions are sufficient to improve the technical skills of students

Q9: Introducing Mini Projects and Socio-centric Projects along with Theory Courses improved the research 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 categorizationis carried based on Excellent (≥ 4); Very Good ($\geq 3.5 \& <4$); Good ($\geq 3 \& <3.5$); Moderate ($>2 \& <3$) and Unsatisfactory (<2)

Feedback from faculty 2015-16 (Academic Year) - PG – M.Tech (MSE)

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

Table 1: Analysis of feedback from faculty 2015–16

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	78.6	14.3	0	0	7.1	4.573	Excellent
Q2	78.6	21.4	0	0	0	4.786	Excellent
Q3	92.9	7.1	0	0	0	4.929	Excellent
Q4	85.7	14.3	0	0	0	4.857	Excellent
Q5	85.7	7.1	7.1	0	0	4.782	Excellent
Q6	85.7	14.3	0	0	0	4.857	Excellent
Q7	85.7	7.1	7.1	0	0	4.782	Excellent
Q8	85.7	7.1	0		7.1	4.64	Excellent
Q9	85.7	7.1	0	0	7.1	4.711	Excellent

The highest score of 4.929 was given to the parameter "Q3: Allocation of Credits to the Courses are satisfiable" followed by "Q4 and Q6: Contact Hour Distribution among the various Course Components (LTP) is Satisfiable and The Curriculum is providing opportunity towards Self learning to realize the expectations of present trend in design and research needs" is recorded as 4.857."Q2: Course Contents can enhance the Problem Solving Skills and Core competencies", "Q5 and Q7: Electives enable the passion to learn new technologies in emerging areas of Structural Engineering" and The inclusion of Employability Orientation Program and Research Methodology in the curriculum satisfiable ,"Q9: Inclusion of Minor Project/ Mini Projects improved the technical competency and leadership skills among the students","Q8:Courses with laboratory sessions are sufficient to improve the technical skills of students" and "Q1:Course Contents of Curriculum are in tune with the Program Outcomes" with a scores of 4.786, 4.782, 4.711, 4.64 and 4.573, and has been rated as Excellent.

PG EMPLOYER FEEDBACK ANALYSIS

Feedback has been received from the employer on the following nine parameters:

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

Q2. The Course Contents are enriching the Construction Industry Demands and Research Needs

Q3. Core Electives and Open Elective are in-line with the technology advancements

Q4. Applicability of the tools and technologies described in the curriculum are sufficient to practice in Existing Construction Practices

Q5. Problem Solving and Soft Skills acquired by the students through the course contents will enable them to be place in Public Sector Units, MNC's, Government Sectors and Research Agencies.

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 categorizationis carried based on Excellent (≥ 4); Very Good ($\geq 3.5 \& < 4$); Good ($\geq 3 \& < 3.5$); Moderate ($> 2 \& < 3$) and Unsatisfactory (< 2)

Feedback from Employer 2015-16 (Academic Year) - PG –M. Tech (MSE)

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

Table 1: Analysis of feedback from Employer 2015–16

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	71.4	28.6	0	0	0	4.714	Excellent
Q2	85.7	14.3	0	0	0	4.857	Excellent
Q3	100	0	0	0	0	5	Excellent
Q4	71.4	28.6	0	0	0	4.714	Excellent
Q5	42.9	28.6	14.3	14.3	0	4.004	Excellent

The highest score of 5 was given to the parameters "Core Electives and Open Elective are in-line with the technology advancements" and "The Course Contents are enriching the Construction Industry Demands and Research Needs" and has been rated as 4.857.

It is clearly visible from the table that the parameters "The Course Contents of Curriculum are in tune with the Program Outcomes", "Applicability of the tools and technologies described in the curriculum are sufficient to practice in Existing Construction Practices" and "Problem Solving and Soft Skills acquired by the students

through the course contents will enable them to be place in Public Sector Units, MNC's, Government Sectors and Research Agencies" obtained average scores 4.714,4.714 and 4.004 has been rated as Very Good.

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 Construction Industry.

The feedback analysis given by employer reveals that by improving the required skills of Construction and Construction enabled Industry Demands helps the student to get placements.

PG FEEDBACK ANALYSIS

Feedback has been received from the Parents onthe following five parameters:

1. Curriculum enhances the intellectual aptitude of your ward
2. Curriculum realizes the personality development and technical skilling of your ward
3. Satisfaction about the Academic, Emotional Progression of your ward
4. Competency of your ward is on par with the students from other Universities/Institutes
5. Course Curriculum is of the global standard and is in tune with the needs of construction 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)

Feedback from Students 2015-16 (Academic Year) - PG – M. Tech (MSE)

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

Table 1: Analysis of feedback from students 2015 – 16

Parameters	Rating 5	Rating 4	Rating 3	Rating 2	Rating 1	Average Score	Rating
Q1	20	60	20	0	0	4	Excellent
Q2	20	60	20	0	0	4	Excellent
Q3	20	60	20	0	0	4	Excellent
Q4	20	60	20	0	0	4	Excellent
Q5	20	60	20	0	0	4	Excellent

The highest score of 4 was given to the parameter "Curriculum realizes the personality development and technical skilling of your ward", "Satisfaction about the Academic, Emotional Progression of your ward", "Competency of your ward is on par with the students from other Universities/Institutes", "Course Curriculum is of the global standard and is in tune with the needs of construction Industry" "Curriculum enhances the intellectual aptitude of your ward" has been rated as Excellent

A. V. Hebsur

Head of Department and Chairman – CDMC
M.Tech – Structural Engineering
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