
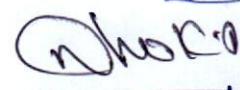
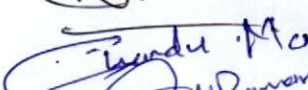





DEPARTMENT OF CHEMICAL ENGINEERING
Course :: B.Tech Petroleum Engineering
Minutes of CDMC Meeting

01-03-2017

The members of Curriculum Design and Monitoring Committee for B. Tech Petroleum Engineering program met on 01-03-2017 at VSF09, 'H' block, of VFSTR. The following members attended the meeting.

S.No	Members	Designation	Signatures
1.	Dr. Krishna C. Etika (Professor & Head)	Chairman	
2.	Mr. P.Ashok Kumar	Member	
3.	Dr. Chandu S Madankar	Member	
4.	Mr. R.V. Ramana	Member	

Agenda of the meeting

Analysis of the feedback collected from various stakeholders such as Employers, Faculty, Parents and Students during the academic year 2016-17.

The following are 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.

Time 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.

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. 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 Employers 2016-17 (Academic Year) - UG – B. Tech (PE)

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 Employers 2016-17

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	40	40	0	20	0	4	Excellent
Q2	0	20	80	0	0	3.2	Good
Q3	40	60	0	0	0	4.4	Excellent
Q4	0	60	20	20	0	3.4	Good
Q5	0	60	20	20	0	3.4	Good

Q1	Course Contents of B. Tech – Petroleum Engineering Curriculum are in tune with the Program Outcomes.
Q2	Course Contents designed to enable skills and knowledge required for oil and gas industries.
Q3	Professional Electives and Open Elective are in-line with the technological advancements.
Q4	Curriculum imparted all the required skills for Petroleum oil and gas industry.
Q5	Problem Solving and Soft Skills acquired by the students through the course contents will enable them to be placed in MNC

The highest score of 4.4 was given to the parameter “Professional Electives and Open Elective are in-line with the technological advancements” has been rated as Excellent.

It is clearly visible from the table 2 that the parameters “Course Contents of B. Tech – Petroleum Engineering Curriculum are in tune with the Program Outcomes” obtained average scores 4 has been rated as Excellent.

Average scores of 3.2 was obtained by the parameters “Course Contents designed to enable skills and knowledge required for oil and gas industries” are rated as Good.

Scores of 3.4 were obtained by the parameters “Curriculum imparted all the required skills for Petroleum oil and gas industry and Problem Solving and Soft Skills acquired by the students through the curriculum will enable them to be placed in MNC” are rated as Good.

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.

Feedback from Faculty 2016-17 (Academic Year) - UG – B. Tech (PE)

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

Table 2: Analysis of feedback from faculty 2016-17

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	66.7	33.3	0	0	0	4.667	Excellent
Q2	33.3	66.7	0	0	0	4.333	Excellent
Q3	0	66.7	33.3	0	0	3.667	Very Good
Q4	33.3	66.7	0	0	0	4.333	Excellent
Q5	0	100	0	0	0	4	Excellent
Q6	66.7	0	33.3	0	0	4.334	Excellent
Q7	33.3	66.7	0	0	0	4.333	Excellent
Q8	66.7	33.3	0	0	0	4.667	Excellent
Q9	33.3	66.7	0	0	0	4.333	Excellent

Q1	Course Contents of B. Tech – Petroleum Engineering Curriculum are in tune with the Program Outcomes.
Q2	Course Contents of B. Tech – Petroleum Engineering enhances the Problem-Solving Skills and Core competencies
Q3	Allocation of Credits to the Courses are appropriate.
Q4	Contact Hour Distribution among the various Course Components (LTP) are appropriate.
Q5	Electives cover the frontier technologies in the field of Petroleum oil and gas industries.
Q6	Curriculum providing opportunity towards Self learning to realize the expectations
Q7	Composition of Basic Sciences, Engineering, Humanities and Management Courses are appropriate.
Q8	laboratory sessions sufficient to improve the technical skills of students
Q9	Sufficient courses available to improve the technical competency and leadership skills among the students.

The highest score of 4.667 was given to the parameters “Course Contents of B. Tech – Petroleum Engineering Curriculum are in tune with the Program Outcomes and Courses with laboratory sessions are sufficient to improve the technical skills of students”

It is clearly visible from the table 1 that the parameters “Course Contents of B. Tech – Petroleum Engineering enhance the Problem-Solving Skills and Core competencies, Contact Hour Distribution among the various Course Components (LTP) are appropriate, Curriculum providing opportunity towards Self learning to realize the expectations, Composition of Basic Sciences, Engineering, Humanities, and Management Courses are appropriate and Sufficient

courses available to improve the technical competency and leadership skills among the students” obtained average score of 4.333 respectively and parameter “Electives cover the frontier technologies in the field of Petroleum oil and gas industries” got the average score of 4 and all the mentioned above have been rated as Excellent.

Average scores of 3.667 was obtained by the parameter “Allocation of Credits to the Courses are satisfiable” are rated as Very Good.

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 to improve the technical skills of students in the oil and gas industry.

Feedback from Parents 2016-17 (Academic Year) - UG – B. Tech (PE)

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

Table 3: Analysis of feedback from Parents 2016-17

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	61.5	23.1	15.4	0	0	4.461	Excellent
Q2	61.5	30.8	7.7	0	0	4.538	Excellent
Q3	61.5	30.8	7.7	0	0	4.538	Excellent
Q4	61.5	23.1	15.4	0	0	4.461	Excellent
Q5	61.5	15.4	23.1	0	0	4.384	Excellent

Q1	Course Contents of B. Tech – Petroleum Engineering Curriculum are in tune with the Program Outcomes.
Q2	B. Tech – Petroleum Engineering Curriculum helped improving technical knowledge acquired by your son / daughter in our University
Q3	B. Tech – Petroleum Engineering Curriculum helped improving Academic, Emotional Progression of your son / daughter in our University
Q4	Proficiency of your son / daughter 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 oil and gas industries.

The highest score of 4.538 was given to the parameter “B. Tech – Petroleum Engineering Curriculum helped improving Academic, Emotional Progression of your son / daughter in our University” followed by “B. Tech – Petroleum Engineering Curriculum helped improving technical knowledge acquired by your son / daughter in our University” with a score of 4.538 has been rated as Excellent.

It is clearly visible from the table 1 that the parameters Course Contents of B. Tech – Petroleum Engineering Curriculum are in tune with the Program Outcomes and Proficiency of your son / daughter is on par with the students from other Universities/Institutes” obtained average scores 4.461 and 4.461 respectively have been rated as Excellent.

Average scores of 4.384 was obtained by the parameters “Course Curriculum is of the global standard and is in tune with the needs of oil and gas industries” is 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 the courses placed in the curriculum supports both the advanced learners as well as slow learners.

Feedback from Students 2016-17 (Academic Year) - UG – B. Tech (PE)

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

Table 4: Analysis of feedback from students 2016–17

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	58.1	38.7	3.2	0	0	4.549	Excellent
Q2	38.7	54.8	6.5	0	0	4.322	Excellent
Q3	19.4	64.5	16.1	0	0	4.033	Excellent
Q4	29	29	38.7	3.2	0	3.835	Very Good
Q5	12.9	51.6	32.3	0	3.2	3.71	Very Good
Q6	41.9	38.7	19.4	0	0	4.225	Excellent
Q7	32.3	54.8	12.9	0	0	4.194	Excellent
Q8	32.3	61.3	6.5	0	0	4.262	Excellent
Q9	22.6	48.4	25.8	0	3.2	3.872	Very Good

Q1	Course Contents of B. Tech – Petroleum Engineering Curriculum are in tune with the Program Outcomes.
Q2	Course Contents designed to enable skills and knowledge required for Reservoir, well testing, drilling and production.
Q3	Courses placed in the B. Tech – Petroleum Engineering curriculum serves the needs of both Advanced and Average 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	B. Tech – Petroleum Engineering Curriculum providing opportunity towards Self learning to realize the expectations
Q7	Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and appropriate in B. Tech – Petroleum Engineering

	curriculum.
Q8	No. of Laboratory sessions sufficient to improve the technical skills
Q9	Sufficient courses available to improve technical competency and leadership skills among the students.

The highest score of 4.549 was given to the parameter "Course Contents of B. Tech – Petroleum Engineering Curriculum are in tune with the Program Outcomes" followed by "Course Contents designed to enable skills and knowledge required for Reservoir, well testing, drilling and production" with a score of 4.322 has been rated as Excellent.

It is clearly visible from the table 2 that the parameters "B. Tech – Petroleum Engineering Curriculum providing opportunity towards Self learning to realize the expectations and Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable in B. Tech – Petroleum Engineering curriculum" obtained average scores 4.225 and 4.194 respectively have been rated as Excellent.

The parameters "Courses placed in the B. Tech – Petroleum Engineering curriculum serves the needs of both Advanced and Average learners and No. of Laboratory sessions sufficient to improve the technical skills" obtained the scores of 4.033 and 4.262 respectively have been rated as Excellent which clearly reflects the benefit towards the student expectations.

Average scores of 3.835; 3.71 and 3.872 were obtained by the parameters "Contact Hour Distribution among the various Course Components (LTP) is satisfiable, Electives have enabled the passion to learn new technologies in emerging areas and Sufficient courses available to improve technical competency and leadership skills among the students" are rated as Very Good.

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 the courses placed in the curriculum supports both the advanced learners as well as slow learners.



Head of Department and Chairman – CDMC

B. Tech Petroleum Engineering

Department of Chemical Engineering