VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY

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

12-03-2018

The members of Curriculum Design and Monitoring Committee for B. Tech Petroleum Engineering program met on 12-03-2018 at VGF09, 'H' block, of VFSTR. The following members attended the meeting.

S.No	Members	Designation	Signatures
1.	Dr. M. Ramesh Naidu (Professor & Head)	Chairman	
2.	Mr. P.Ashok Kumar	Member	
3.	Mr. Prathamesh S	Member	

Agenda of the meeting

Analysis of the feedback collected from various stakeholders such as Employers, Faculty, Parents and Students during the academic year 2017-18.

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, CDM

Annexure 1

Feedback from Employers 2017-18 (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 2017-18

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	0	66.7	33.3	0	0	3.667	Very Good
Q2	33.3	0	66.7	0	0	3.666	Very Good
Q3	0	66.7	33.3	0	0	3.667	Very Good
Q4	0	66.7	33.3	0	0	3.667	Very Good
Q5	66.7	33.3	0	0	0	4.667	Excellent

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 4.667 was given to the parameter "Problem Solving and Soft Skills acquired by the students through the curriculum will enable them to be placed in MNC" has been rated as Excellent.

It is clearly visible from the table 3 that the parameters "Course Contents of B. Tech – Petroleum Engineering Curriculum are in tune with the Program Outcomes; Course Contents designed to enable skills and knowledge required for oil and gas industries, Curriculum imparted all the required skills for Petroleum oil and gas industry" and "Professional Electives and Open Elective are in-line with the technological advancements" obtained average scores 3.667, 3.666, 3.667 and 3.667 respectively have been 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.

Feedback from Faculty 2017-18 (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 2017-18

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	50	50	0	0	0	4.5	Excellent
Q2	75	25	0	0	0	4.75	Excellent
Q3	75	25	0	0	0	4.75	Excellent
Q4	25	75	0	0	0	4.25	Excellent
Q5	50	25	25	0	0	4.25	Excellent
Q6	75	0	25	0	0	4.5	Excellent
Q7	75	25	0	0	0	4.75	Excellent
Q8	75	0	25	0	0	4.5	Excellent
Q9	50	0	50	0	0	4	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 4.75 was given to the parameters "Course Contents of B. Tech – Petroleum Engineering enhance the Problem-Solving Skills and Core competencies, Allocation of Credits to the Courses are satisfiable and Composition of Basic Sciences, Engineering, Humanities and Management Courses are appropriate".

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, Curriculum providing opportunity towards Self learning to realize the expectations and Courses with laboratory sessions are sufficient to improve the technical skills of students" obtained average score of 4.5

followed by "Sufficient courses available to improve the technical competency and leadership skills among the students", got 4 respectively and all the above have been rated as Excellent.

The parameters "Contact Hour Distribution among the various Course Components (LTP) are appropriate and Electives cover the frontier technologies in the field of Petroleum oil and gas industries" obtained the score of 4.25 respectively, have been rated as Excellent which clearly reflects the benefit towards the student expectations.

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 Parents 2017-18 (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 2017-18

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	60.9	21.7	17.4	0	0	4.435	Excellent
Q2	60.9	26.1	13	0	0	4.479	Excellent
Q3	60.9	26.1	13	0	0	4.479	Excellent
Q4	60.9	21.7	17.4	0	0	4.435	Excellent
Q5	47.8	13	39.1	0	0	4.083	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 4.479 was given to the parameter "B. Tech – Petroleum Engineering Curriculum helped improving technical knowledge acquired by your son / daughter in our University" followed by "B. Tech – Petroleum Engineering Curriculum helped improving Academic, Emotional Progression of your son / daughter in our University" with a score of 4.479 has been rated as Excellent.

Scores of 4.435 was obtained by 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" rated as Excellent.

It is clearly visible from the table 3 that the parameters obtained average scores of 4.083 "Course Curriculum is of the global standard and is in tune with the needs of oil and gas industries" is have been 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 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 Students 2017-18 (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 2017–18

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	69.8	26.4	3.8	0	0	4.66	Excellent
Q2	67.9	24.5	1.9	0	5.7	4.489	Excellent
Q3	39.6	39.6	17	3.8	0	4.15	Excellent
Q4	39.6	34	24.5	0	1.9	4.094	Excellent
Q5	32.1	45.3	15.1	3.8	3.8	3.984	Very Good
Q6	15.1	58.5	24.5	1.9	0	3.868	Very Good
Q7	28.3	52.8	15.1	0	3.8	4.018	Excellent
Q8	28.3	52.8	15.1	1.9	1.9	4.037	Excellent
Q9	32.1	43.4	18.9	3.8	1.9	4.003	Excellent

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 4.66 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 4.489 has been rated as Excellent.

It is clearly visible from the table 3 that the parameters "Courses placed in the B. Tech – Petroleum Engineering curriculum serves the needs of both Advanced and Average learners: Contact Hour Distribution among the various Course Components (LTP) is satisfiable 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 4.15, 4.094 and 4.018 respectively have been rated as Excellent.

The parameters "No. of Laboratory sessions sufficient to improve the technical skills and Sufficient courses available to improve technical competency and leadership skills among the students" obtained the scores of 4.037 and 4.003 respectively have been rated as Excellent which clearly reflects the benefit towards the student expectations.

Average scores of 3.984 and 3.868 were obtained by the parameters "Electives have enabled the passion to learn new technologies in emerging areas and B. Tech – Petroleum Engineering Curriculum providing opportunity towards Self learning to realize the expectations" 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 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.

Head of Department and Chairman – CDMC

B. Tech Petroleum Engineering

Department of Chemical Engineering