

SCHOOL OF ENGINEERING

DEPARTMENT OF PETROLEUM ENGINEERING

Feedback on Curriculum 2019-2020: Action Taken

(Feedback Analysis and Action Taken are presented and approved in the 9th Meeting of BoS held on 4th May, 2019)

Student Feedback on Curriculum: Action Taken

Feedback Received	Action Taken
A total of around 72% of the respondents opined that the syllabus of the courses studied by them is very good to excellent.	To maximize the acceptability of the syllabus, it is resolved that the syllabi of the existing courses will be revised step-by-step wherever found necessary. In this regard, please refer to Annexure-I which displays the courses proposed for syllabus revision.
A total of around 71% of the respondents opined that the studied courses have applicability/ relevance to real life situations (Employability).	To maximize the course applicability/relevance to real life situations, it is resolved that the department will initiate the process of revising the syllabi of existing courses step-by-step wherever necessary and also introduce new courses if required. In this regard, please refer to Annexure-I which displays courses proposed for syllabus revision.
A total of around 75% of the respondents opined that the learning value in terms of skills, concepts, knowledge, and analytical abilities is within the range of very good to excellent.	It is resolved that more activities through NSS, SPE Student Chapter, AAPG Student Chapter, and Presidency University Petroleum Forum will be planned to enhance the learning value in terms of skills, concepts, knowledge, and analytical abilities.
A total of around 57% of the respondents opined that the offering of the electives in terms of their relevance to the specialization streams is within the range of very good to excellent.	It is resolved that the department will initiate the process of revising the syllabi of existing elective courses step-by-step wherever necessary and also introduce new courses if required. In this regard, please refer to Annexure-I which displays courses proposed for syllabus revision.
A total of around 82% of the respondents opined that the relevance of the Text Books and reference books to the Courses is within the range of very good to excellent.	It is resolved that the list of textbooks and reference books will be updated to enhance the relevance with respect to the syllabus.
A total of around 86% of the respondents opined that the percentage of courses having LAB components is within the range of very good to excellent.	It is resolved that the initiatives will be taken to enhance the LAB components while revising the syllabus of lab-based courses. In this regard, please refer to Annexure-I which displays courses proposed for syllabus revision.
A total of around 80% of the respondents opined that the experiments in relation to the real life applications are within the range of very good to excellent.	It is resolved that the hands-on workshop will be planned by the faculty members/industry experts to offer the experiments in relation to real life applications.
A total of around 78% of the respondents opined that the allocation of the credits to the courses is within the range of very good to excellent.	It is resolved that the requirement for a change in credit structure will be discussed during the syllabus revision meeting.
It is suggested to incorporate more software-oriented course.	It is resolved that the department will initiate the process of introducing more number of software in the syllabus in the future.

Alumni Feedback on Curriculum: Action Taken

Feedback Received	Action Taken
A total of around 50% of the respondents opined that the syllabus of the courses studied by them was relevant. They gave feedback within the range of very good to excellent.	To maximize the acceptability of the syllabus, it is resolved that the syllabi of the existing courses will be revised step-by-step wherever found necessary. In this regard, please refer to Annexure-I which displays the courses proposed for syllabus revision.
A total of around 53% of the respondents opined that the syllabus of the courses studied by them was within the range of very good to excellent.	It is resolved that the syllabi of the existing courses will be revised step-by-step wherever found necessary. In this regard, please refer to Annexure-I which displays the courses proposed for syllabus revision.
A total of around 75% of the respondents opined that the course content delivery was interesting.	It is resolved that the pedagogy implemented for course content delivery will be discussed thoroughly to incorporate changes wherever necessary.
A total of around 59% of the respondents opined that the course curriculum fulfilled their expectations.	To maximize the acceptability of the course curriculum, it is resolved that the syllabi of the existing courses will be revised step-by-step wherever found necessary. In this regard, please refer to Annexure-I which displays the courses proposed for syllabus revision.
A total of around 78% of the respondents opined that they learnt the required skills in the due course of study.	It is resolved that more activities through NSS, SPE Student Chapter, AAPG Student Chapter, and Presidency University Petroleum Forum will be planned to enhance the learning value in terms of skills, concepts, knowledge and analytical abilities.
A total of around 75% of the respondents opined that the syllabus created interest to pursue post-graduation/research in the particular topic.	It is resolved that the syllabi of existing courses will be revised wherever possible to create more interest among the students for pursuing post-graduation/research in the particular topic. Please refer to Annexure-I for the list of courses identified for syllabus revision.
A total of around 78% of the respondents opined that the courses that they have learnt suiting the requirements of the Industry.	It is resolved that the syllabi of existing courses will be revised wherever possible to make them suitable for fulfilling industry requirements. Please refer to Annexure-I for the list of courses identified for syllabus revision.
A total of around 66% of the respondents opined that the learning experience in terms of their relevance to the real life applications is within the range of very good to excellent.	It is resolved that the hands-on workshop will be planned by the faculty members/industry experts to offer experiments in relation to real life applications.
A total of around 69% of the respondents opined that the courses learnt in relation to their current job is within the range of very good to excellent.	It is resolved that the more job-oriented courses will be designed to ensure maximum employability.

Faculty Feedback on Curriculum: Action Taken

Feedback Received	Action Taken
A total of around 40% of the respondents opined that the Syllabus is need based.	It is resolved that the syllabi of the existing courses will be revised step-by-step wherever found necessary to make the courses need-based. In this regard, please refer to Annexure-I which displays the courses proposed for syllabus revision.
A total of around 60% of the respondents opined that the courses / syllabus has good balance between theory and application.	It is resolved that the course content will be revised step-by-step wherever required and more lab-based courses will be introduced wherever possible. Please refer to Annexure-I displaying the courses identified for syllabus revision.
A total of around 80% of the respondents opined that the course / program of studies carries sufficient number of optional papers.	It is resolved to add more optional papers to the program in the future.
A total of around 80% of the respondents opined that they have the freedom to adopt new techniques/strategies of teaching such as seminar presentations, group discussions, and learner's participations.	It is resolved that an open discussion may be conducted with the faculty members to discuss on the techniques/strategies that can be adopted for teaching.
A total of around 80% of the respondents opined that the environment in the department is conducive to teaching and research.	It is resolved that an open discussion may be conducted with the faculty members to improve the research environment in the department.
It is suggested to upgrade the laboratories.	It is resolved to take the initiative for upgrading the laboratories.

Employer Feedback on Curriculum: Action Taken

Feedback Received	Action Taken
A total of around 58% of the respondents opined that the adequacy of the core courses is within the range of very good to excellent.	It is resolved that the existing core courses will be revised step-by-step wherever required and new courses can also be introduced if found necessary. Please refer to Annexure-I displaying the courses identified for syllabus revision.
A total of around 58% of the respondents opined that the practical content in the Curriculum is within the range of very good to excellent.	It is resolved that the course content will be revised step-by-step and practical content will be increased wherever required. Please refer to Annexure-I displaying the courses identified for syllabus revision.
A total of around 58% of the respondents opined that the fulfillment of needs is within the range of very good to excellent.	It is resolved that the course content will be revised step-by-step wherever required. Please refer to Annexure-I displaying the courses identified for syllabus revision.
A total of around 75% of the respondents opined that the clear idea about the purpose of the course is within the range of very good to excellent.	It is resolved that the course objectives will be edited to make the clear idea about the purpose of the course.
A total of around 75% of the respondents opined that the curriculum proved useful at workplace is within the range of very good to excellent.	It is resolved that the course content will be revised step-by-step and practical content will be increased wherever required to make the curriculum more useful at workplace. Please refer to Annexure-I displaying the courses identified for syllabus revision.
A total of around 66% of the respondents opined that the Curriculum followed by the Employee relevant to Employability.	It is resolved that the course content will be revised step-by-step wherever required to make the curriculum more relevant towards employability. Please refer to Annexure-I displaying the courses identified for syllabus revision.
A total of around 50% of the respondents opined that the Curriculum helps at improving Students performance with respect to their planning and organization skills.	It is resolved that the course content will be revised step-by-step wherever required. Please refer to Annexure-I displaying the courses identified for syllabus revision.
A total of around 66% of the respondents opined that the Curriculum helps at improving Students performance with respect to developing practical solutions to work place problems.	It is resolved that the course content will be revised step-by-step wherever required. Please refer to Annexure-I displaying the courses identified for syllabus revision. It is also resolved to organize more hands-on workshops where real-filed data will be shared for analysis.
It is suggested to incorporate more courses/topics on environmental studies for hydro-carbon.	It is resolved to incorporate topics related to environmental studies within the existing courses or introduce new courses if possible.

Annexure-I

List of Courses proposed and approved for Syllabus Modifications

(Feedback Analysis and Action Taken are presented and approved in the 9th Meeting of BoS held on 4th May, 2019)

Sl. No.	Course Code	Course Name	L	T	P	Credit	Course Type	Semester
1	PET 210	Well Logging and Formation Evaluation	3	1	0	4	CC	IV
2	PET 218	Petroleum Geology	4	0	0	4	CC	III
3	PET 219	Hydrocarbon Exploration	4	0	0	4	CC	III
4	PET 220	Hydrocarbon Thermodynamics	3	1	0	4	CC	III
5	PET 221	Drilling Fluids and Cements	3	0	0	3	CC	III
6	PET 222	Heat Mass and Momentum Transfer	3	1	0	4	CC	IV
7	PET 223	Fundamentals of Drilling Engineering	3	1	0	4	CC	IV
8	PET 224	Fundamentals of Reservoir Engineering	3	1	0	4	CC	IV
9	PET 253	Heat and Mass Transfer Lab	0	0	2	1	CC	IV
10	PET 254	Drilling Fluids and Cements Lab	0	0	2	1	CC	III
11	PET 255	Reservoir Engineering Lab	0	0	2	1	CC	IV
12	PET 260	Petroleum Geology Lab	0	0	2	1	CC	III

CC = Core Course
NOTE: Semester is mentioned based on the 2019-2023 Batch.

Pursuant to Feedback received on the Curriculum from the Stakeholders, the above-listed courses are approved for syllabus modifications and for inclusion into the Curriculum from the Academic Year 2019-2020.

