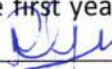


Action Taken Report 2018-19
Department of Petroleum Engineering

BOS ACTION TAKEN REPORT 2018-19			
Recommendation 1	<p>The detailed program structures and syllabi of the courses to be offered in the 3rd and 4th years of the B.Tech, Petroleum Engineering program were discussed at length. After detailed deliberations, the following changes were suggested:</p> <ul style="list-style-type: none"> i. The core course PE 303 – Oil & Gas Transportation to be shifted to the elective basket. (Item no. 5.02) ii. Addition of one Unit on Corrosion in the course PE 303 – Oil & Gas Pipeline Engg. (Item no. 5.02) iii. Introduction of an elective course on Refinery Utilities & Energy Optimization (Item no. 5.02) iv. The elective course Applied Petroleum Reservoir Engg. (PE451) to be shifted as a core course. (Item no. 5.02) 		
Action Taken	Responsibility	Target Date	
The Board took note of the above suggestions and resolved to recommend the same to the Academic Council for the approval of the revised program structure and syllabi of the 3 rd and 4 th years of the B.Tech, PE program of the 2017-21 batch.	Chairman, BOS	15 th June 2019	
Recommendation 2	<p>The course structures and syllabi of the course works to be assigned to the Ph.D. students of the Department were discussed In detail. The Board also took note of the following suggestions of the external experts:</p> <ul style="list-style-type: none"> i. Introduction of an elective course on Catalysis & Separation Process (Item no. 5.03) ii. Introduction of an elective course on Advance reservoir Simulation (Item no. 5.03) iii. Introduction of pre-requisite courses on Drilling Engineering, Reservoir Engineering and well Testing, Petrophysics/logging and production Engineering for non-petroleum Engineering scholars. (Item no. 5.03) 		
Action Taken	Responsibility	Target Date	
The Board approved the course structure and syllabi of the proposed course works, and resolved to recommend the same to the Academic Council for approval. The board took note of the external experts' suggestion and decided to consider the same for the forthcoming academic year 2019-20.	Chairman, BOS	15 th June 2019	
Recommendation 3	<p>The learned members suggested the following to be considered in due course of time:</p> <ul style="list-style-type: none"> i. Introduction of a basic course on Petroleum Engg. in the first year of the B.Tech, Petroleum Engg. Program. (Item no. 5.04) 		





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 Department of Petroleum and Energy
 DIT University, Dehradun

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	ii.	Introduction of a course on Heat & Mass Transfer (3-0-2) in the 4 th semester of the B.Tech, Petroleum Engg. program (Item no. 5.04)		
	iii.	Addition of at least one downstream course in the B.Tech, Petroleum Engg. program as presently few such courses are being offered. (Item no. 5.04)		
Action Taken			Responsibility	Target Date
The Board took note of the above suggestions and resolved to discuss the same in its next meeting			Chairman, BOS	15 th June 2019




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Action Taken Report 2017-18 Department of Petroleum Engineering

BOS ACTION TAKEN REPORT 2017-18			
Recommendation 1	The external expert suggested the modification of the syllabus of various courses. <ol style="list-style-type: none"> i. In the course of Carbon Capture & Sequestration, some content on lifecycle analysis of carbon sequestration should be included. (Item no. 2) ii. In the course of Bio fuel and waste management, some contents on Tori faction in Biofuel should be included. (Item no. 2) 		
Action Taken	Responsibility	Target Date	
The Board took note of the above suggestions and resolved to recommend the same to the Academic Council for the approval of the revised syllabi.	Course co-ordinator	30 th Jan, 2017	
Recommendation 2	In the course of HSE for petroleum operation, some contents on Environment Health Safety & Occupational Hygiene Elements, Operational Risk & Mechanical injuries, appropriate certification should be included. (Item no. 2)		
Action Taken	Responsibility	Target Date	
The Chairman, BOS instructed the Departmental members to carry a certificate course on Safety Engineering in the month August, 2018.	Department I/C for Guest Lecture	31 st August, 2018	
Recommendation 3	The external expert kindly agreed to share his expertise and experience as well as the lab resources available in his organization for conducting following lab and Dissertation work of the program. (Item no. 2) <ol style="list-style-type: none"> i. Analytical tools in Oil and Gas Product Testing ii. Tribology Lab should be given to the students at IIP for the course of Tribology & Combustion Technology. iii. 4th semester students can do project/ Dissertation at IIP Labs 		
Action Taken	Responsibility	Target Date	
<ol style="list-style-type: none"> i. As per the suggestion of the board members, Dr. Raj Kumar Singh was given the charge for conducting the lab in the ONGC, Dehradun. ii. As per the suggestion of the board members, Mr. Kumar was given the charge for conducting the lab at IIP, Dehradun. iii. Mr. Deepak Vanjari was given charge to communicate with the IIP, Dehradun labs for conducting the 4th semester student project. 	Course co-ordinator and Project co-ordinator	15 th March, 2017	



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Recommendation 4	<p>The board proposed modification and up-gradation of the following courses of the B. Tech, Petroleum Engineering program with effect of forthcoming academic session 2018-19. (Item no. 3)</p> <ul style="list-style-type: none"> i. Unit Operations ii. Reservoir Simulation iii. Elements of Reservoir Engineering iv. Petroleum Engineering and System Design v. Applied Petroleum Reservoir Engineering vi. Petroleum Refining and Petrochemicals vii. Well Stimulation viii. Petroleum Exploration Methods ix. Formation Evaluation x. Directional Drilling xi. Oil & Gas Transportation System xii. Health, Safety & Environmental Management in Petroleum Operations xiii. Offshore Drilling & Production Practices 	
Action Taken	Responsibility	Target Date
<p>The Board had taken valuable inputs from the various external members and internal members and the respective course coordinators were given charge for modification and up-gradation of the syllabus as per the suggestions given by the external members.</p>	<p>Course coordinators</p>	<p>30th Jan 2017</p>



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 Department of Petroleum and Engineering
 DIT University, Dehradun

Action Taken Report 2014-15
Department of Petroleum Engineering

BOS ACTION TAKEN REPORT 2014-15		
Recommendation 1	The board members suggested the introduction or modification of the syllabus of various courses. <ul style="list-style-type: none">i. Production Operation-I, electrical Submersible pumping should be included. (Item no. 3.iv)ii. In the 1st unit of the course of Introduction to petroleum operations in 4th semester, the geochemical methods of exploration should be included. (Item no. 3.v)iii. In 4th semester, Applied Geology-II course there should be replaced by the term clastic rather than Sandstone in Sedimentary Group. (Item no. 3.vi)iv. The elective courses of seven and eighth semester viz. well stimulation and Oil Transportation must be accommodated with compulsory courses. (Item no. 3.vii)	
Action Taken	Responsibility	Target Date



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