

Pandit Deendayal Petroleum University, Gandhinagar
School of Technology, Department of Chemical Engineering
Board of Studies (BOS)

Date: 10/6/2020
Time: 12 to 1.30 PM
Venue: Zoom Platform (Online)

Minutes of Meeting

List of Attendees

Dr. Sameer Dalvi, IIT Gandhinagar (External BOS member)
Prof. Sunil Bhagwat, ICT, Mumbai (External BOS member)
Mr. Vijay Vasudev, Deepak Nitrite, Baroda (External BOS member)
Prof. D M Parikh (Dean, FoET)
Dr. Swapnil Dharaskar (Chairman-BOS; Chemical Engineering Dept.)
Dr. Manish Kumar Sinha (Internal BOS member-Chemical Engineering Dept.)
Dr. Abhishek Kumar Gupta (Internal BOS member-Chemical Engineering Dept.)
Dr. Anirban Dey (Internal BOS member-Chemical Engineering Dept.)
Dr. Abhishek Yadav (Faculty-Chemical Engineering Dept.)

Meeting started with welcome and introductory presentation to all external academic and industry BOS members by Dr. Swapnil Dharaskar, Chairman BOS, Chemical Engineering.

Minutes of BOS Meeting are as follows:-

1. Minutes of BOS meeting held on 10th June, 2020 was discussed between the BOS members. Five important agenda points (AP's) were discussed during the entire BOS meeting between external and internal BOS members. The AP's and course structure of UG, M-Tech-Chemical and New PG program was shared with all the BOS members for discussion and reference.
2. **As per AP-1**, discussion and review of new PG Program-Energy and Environmental Management was done. Dr. Sameer Dalvi, Prof. Sunil Bhagwat and Mr. Vasudeva appreciated the course nomenclature and its importance in the purview of interdisciplinary nature of the program & all of them suggested that B.Tech.-Mechanical and Electrical can be made eligible for this program. **Prof. Bhagwat** suggested to mix courses pertaining to energy and environment in semester-1 and semester-2 of the program. **Mr. Vasudeva** suggested the department to look into the data of Bureau of energy standards and include the same at an appropriate course in new PG program. Dr. D. M Parikh further explained

that other branches students eligible for the program would be assisted via. concept of bridge courses in order to fill the necessary gap.

3. **As per AP-2**, discussion and review of elective basket of existing PG program (M.Tech. in Chemical Engineering) was done. BOS Committee has welcomed the introduction of new elective courses in the current M.Tech-Chemical Engineering Program. **Prof. Bhagwat** suggested to elaborate the elective basket by adding more electives with advice of adding a course on “Specialty Chemicals” on a synonymous note with Mr. Vasudeva who advised to add an elective related to pharmaceuticals. Mr. Vasudeva also suggested for MTech.-Chemical Engg. Program to include a part of 2nd year dissertation in the form of seminar for knowledge enhancement and remove seminar from 4th semester course structure. Dr. Dalvi suggested adding a specialized course on “polymers” in the program course structure keeping in view its industrial vitality and future prospects.
4. **As per AP-3**, the discussion related to total credits reduction to 164 credits from 173 & subjects are floated under six different categories was discussed. **Prof. Bhagwat** advised the department to look into the mandate of UGC and retaining the old credit system with more credits for core courses, and, shows the distribution of courses in different categories via. a pie chart. **Dr. Dalvi** who also suggested to show the total number of lectures in each category of UG course structure table.
5. **As per AP-4**, discussion and review of new UG course structure was done. The internal BOS committee pointed the overlap of basic thermodynamics concept taught in “Elements of Mechanical Engg.” and “Chemical Engg. Thermodynamics” which propelled for the modification in the latter. **Prof. Bhagwat** asked the department to look into the credit structure of core courses whose credit has been reduced form 4 to 3 keeping in view their “core” nature. **Mr. Vasudeva** reiterated that focus must be there on practical courses in UG by having a considerable percentage distribution.
6. **As per AP-5**, shifting of some elective in 7th Semester to core courses and vice-versa was discussed. “Petroleum Refining and Petrochemicals” which is currently an elective subject (7th sem) will be shifted to the domain of Core Course. “Membrane separation process” can be shifted to elective basket along with “Nanotechnology and Energy storage” course. All the BOS members agreed with this move of the department.
7. The meeting ended with a vote of thanks to all the external BOS members, internal BOS members and Dean (FoET, PDPU).