

Department of Chemical Engineering

Minutes of BOS Meeting

Date: 30/05/2020

The BOS Meeting was held on 30 May, 2020 through online on WebEx Platform. The following points were discussed and resolved:-

Item CM 1:	To propose the tentative list of courses which the students can opt from NPTEL platform for Seminar/Self Study Courses in III & V Semester (during 2020-2021) . The tentative list of courses which the students can opt from NPTEL platform for Seminar/Self Study Courses in III & V Semester (during 2020-2021) has been proposed.
Item CM 2:	To propose the list and syllabi for all Departmental Elective (DE) Courses of VII Semester under the flexible curriculum along with their Cos. The list and syllabi for all Departmental Elective (DE) courses to be offered in the VII Semester under the flexible curriculum were prepared and discussed.
Item CM 3:	To propose the list of Courses from SWAYAM/NPTEL/MOOC Platform to be offered in online mode under DE category for credit transfer in the VII Semester . The list of Courses from SWAYAM/NPTEL/MOOC Platform to be offered in online mode under DE category for credit transfer in the VII Semester has been finalized.
Item CM 4:	To propose the Courses & Syllabi to be offered under Open Category (OC) Courses for VII semester students of other departments along with their COs. The syllabi for Open Category (OC) courses for VII Semester students of other departments, to be offered under the flexible curriculum were framed and proposed.
Item CM 5:	To propose the list of "Additional Courses" which can be opted for getting an (i) Honours (for students of the host department) (ii) Minor Specialization (for students of other departments) [These will be completed through SWAYAM/NPTEL/MOOC based Platforms during V and VII semester] The lists of "Additional Courses" which can be opted for getting an (i) 'Honours' (by the students of parent department) (ii) Minor Specialization (by the students of other departments) has been proposed.
Item CM 6:	To propose the syllabi of Mandatory Course (MC) titled "Intellectual Property Rights" (IPR) of VII semester under the flexible curriculum along with their COs [This will be prepared & recommended by Institution Level Committee/Academic Development Cell]
Item CM 7:	To propose the Experiment list/ Lab manual for Laboratory Courses to be offered in VII semester . Experiment list/ Lab manual for Laboratory Courses to be offered in VII semester has been prepared.
Item CM 8:	To explore and prepare the tentative list of Departmental Elective (DE) Courses (along with COs) for VIII semester (run through SWAYAM/NPTEL/MOOC based platform) The tentative list of Departmental Elective (DE) Courses (along with COs) for VIII semester to be offered under the flexible curriculum has been prepared.
Item CM 9:	Curriculum feedback from various stakeholders, its analysis and impact. The Curriculum feedback from various stakeholders has been analyzed and discussed.
Item CM 10:	To explore and prepare the tentative list of courses to be offered under Open Category (OC) Courses for VIII semester students of other departments. The tentative list of OC Courses for VIII semester students of other departments has been prepared.

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Item CM 11:	To Propose the scheme and syllabi of M.Tech I & II semester. The scheme and syllabi of M. Tech I & II semester has been prepared.
Item CM 12:	To Propose the one OC to be offered for OTHER DEPARTMENT PG students. The one OC to be offered for Other Department PG students has been finalized.
Item CM 13:	To propose 2-3 elective courses from SWAYAM/NPTEL for the M.Tech Second semester. The list of elective courses from SWAYAM/NPTEL for the M.Tech Second semester has been proposed.

Following points were discussed:-

1. Some courses under open category should run with combined batch of Chemical and Non-chemical students. It will be more interactive and helpful to explore the knowledge domain of different discipline students.
2. Alternative may be provided for the DE and OC Courses offered in the VIII semester under SWAYAM/NPTEL Platform as the students would have completed their professional education in the final Semester.
3. Expert suggested , In process computational lab, in the VII Semester, put first 2 most relevant experiments compulsory, and students may select any remaining three from given options (6-7 experiments). Or Department can put two buckets of experiments (of prescribed no. of experiments) and students select any one group.
4. Some training programme should include in academic curriculum (Industrial expert talk, workshop, software related thing etc.)
5. The industrial problem (Industry located nearby Gwalior) should give to the students as their projects instead of traditional methodology adopted. It will clarify what are the real pictures of the industrial issues and the ability to solve them will also be enhanced.
6. As mentioned in point 9, Sometime students used to ask very irrelevance question without having basic knowledge during their industrial training, Therefore, it is necessary to give students all relevant information and knowledge about the specific process (where the students are going to undergo training) in advance.
7. M.Tech. Courses suggestions for 1st semester under self-study and seminar through SWYAM/NPTEL.
(a) Bio-Reactors by Prof Suresh Kumar (strongly recommended)
(b) Python using data science
(c) Bio-microfluidics

The following members were present:-

External Members:-

1. Dr. NiketKaisare, Professor, Department of Chemical Engg, IIT Madras, Chennai(Expert from outside RGPV nominated by Academic Council)

Industry Expert:-

1. Mr. Ashish Sharma, Assistant Manager, Mondelez International, Malanpur(Representative from Industry)

Alumni Member:-

1. Ms. Priyanka Jain , Production Engineer, Mathura Refinery, Mathura (U.P)(Meritorious Alumnus)

Internal Members:-

1. Prof. Swati Gupta, Assistant Professor & Co-ordinator, Dept. of Chemical Engg., MITS
2. Prof. Anish P. Jacob, Assistant Professor, Dept. of Chemical Engg., MITS
3. Prof. Sachin R. Geed, Assistant Professor, Dept. of Chemical Engg., MITS
4. Prof. Kulbhushan Samal, Assistant Professor, Dept. of Chemical Engg., MITS

V (ACADEMIC)
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LIOR

Handwritten signatures and initials:
Suresh
Anish
Sachin
Kulbhushan
Swati
Anish P. Jacob
Sachin R. Geed
Kulbhushan Samal
Amal

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5. Prof. Arti Sahu, Assistant Professor, Dept. of Chemical Engg., MITS
6. Dr. Antaram N. Sarve, Assistant Professor, Dept. of Chemical Engg., MITS
7. Prof. Pratap Singh, Assistant Professor, Dept. of Chemical Engg., MITS
8. Prof. Sulochana Nagar, Assistant Professor, Dept. of Chemical Engg., MITS
9. Prof. Rakesh K Dubey, Assistant Professor, Dept. of Chemical Engg., MITS

Art
Sulochana
Rakesh

Screenshot of BoS Meeting

