



BOARD OF STUDIES

FACULTY OF TECHNOLOGY

Minutes of the 17th Board of Studies Meeting

Ref: SVCE/BoS-BT&CH/2022-23/17

Date: 19/09/2023

Time: 10.30 AM to 01.00 PM

The Board of Studies meeting for Technology Board was held on 19th September, 2023 through hybrid mode. The meeting started at 10.30 am. The following members were present in the meeting.

- 1) Prof. N. Meyyappan, Professor & HOD, Department of Chemical Engineering, SVCE, Chairman.
- 2) Prof .E. Nakkeeran, Professor & HOD, Department of Biotechnology, SVCE, Member
- 3) Prof. M. Sivanandham, Secretary, SVEHT, Chennai. Visiting Professor of Biotechnology, SVCE. Member (Special Invitee).
- 4) Dr. J. Tamilselvan, Associate Professor, Department of Biotechnology, A C Tech., Anna University, Chennai – 600 025, Member (University Nominee)
- 5) Prof. N. Balasubramanian, Director, Center for Energy Storage Technologies, Professor, Department of Chemical Engineering, A C Tech., Anna University, Chennai – 600025, Member (Subject Expert) – CHE.
- 6) Sri.A. Ramasubramanian, General Manager - Process, M/s.Technip India Limited, Chennai. Member (Industrial Expert) - CHE.

- 7) All the faculty members of the Department of Biotechnology and Department of Chemical Engineering, SVCE, Members .

Prof. N. Meyyappan, Chairman of BoS, Faculty of Technology, welcomed all the faculty members to this BoS and preceded the BoS meeting by introducing the new members to this board.

The curriculum structure, made accordingly to achieve the Vision and Mission of the department through the PO, PSO and PEO's for the Department of Chemical Engineering and BioTechnology were informed to the BoS Members.

Following points were discussed in the BoS meeting

Agenda:1 Approval of the previous minutes

1. The previous minutes of the meeting was displayed by the chairman and got it approved by the members.

Agenda:2 R2022 Curriculum and IV Semester Syllabus

a) B. Tech (Chemical Engineering)

The Chairman informed the board that this is the approved curriculum from I to VIII semester, and syllabus up to III semester in the previous meeting and presented the syllabus for IV semester.

Prof. N. Balasubramanian was interested in knowing the changes made in the Chemical Engineering Thermodynamics II syllabus which was framed as a TNP (Theory and Practical) Integrated course. This change was appreciated and he also suggested that though it was a new attempt, not to remove much of content which is not introduced in other course. The obsolete and repeated content may be removed. The chairman responded in acknowledgement.

The presented syllabus for IV semester was accepted and it got approved by all the members.

HOD/CHE presented the verticals, which will be offered as Honours and Minor (H&M) degree with B Tech (Chemical Engineering). This was prepared based on the feedbacks from both internal and external stakeholders.

The members approved the curriculum and verticals with few suggestions as follows:

1. Prof .N. Balasubramanian suggested to include both the courses viz., Piping Design and Data Analytics and Machine learning in Chemical Engineering under Process Engineering vertical in the place of Process Plant Utilities and Design of experiments. This change was accepted and both the course were replaced..
2. Prof. J. Tamilselvan and Prof N .Balasubramanian indicated that the subjects in the Energy engineering verticals all were very close and enough care must be taken to avoid overlapping of contents.
3. It was also suggested to replace Process Modeling and Simulation (Integrated) TNP in the place of Computer Tools for Chemical Engineering (Integrated).
4. The plan of handling the vertical HSE in process industries with both academic and industrial experts was well received by the members. They also suggested preparation of reports on previous incidents as a case study would be helpful to students .

Overall, the draft curriculum was well received by the members, to be forwarded to the Academic council.

b) M. Tech (Chemical Engineering)

The chairman presented the curriculum and syllabus for the R-22 M.Tech Chemical Engineering programme and informed the members that it was already approved by the academic council earlier.

c) B.Tech (Biotechnology)

1.Prof.E.Nakkeeran, HOD/BIO informed the committee members that the curriculum and syllabus (upto III semesters) for R-22 B.Tech Biotechnology programme have been recommended by the BoS and ACM earlier.

2.Prof.E.Nakkeeran, HOD/BIO also informed to the members that a modified draft curriculum (Semester IV to VIII) along with verticals and syllabus for all the courses of Semester IV have been prepared based on the feedbacks from both internal and external stakeholders.

3.Prof.E.Nakkeeran, HOD/BIO presented the modified draft curriculum (Semester IV to VIII) along with six verticals to the board members. All the board members approved the curriculum and verticals.

4.However, few suggestions were provided by the members as given below.

- i. Prof.N.Balasubramanian (Academic Expert Member) suggested checking the prerequisite courses mentioned throughout the curriculum.

- ii. He also suggested reducing few courses (practical courses) in VII semester so as to ease the students for study abroad programme.
 - iii. Prof..J.TamilSelvan (Anna University Nominee Expert Member) suggested checking the courses listed in all the verticals so that no courses are overlapping with each other's.
5. Prof.E.Nakkeeran, HOD/BIO presented the syllabus for all the courses of Semester IV to the board members. All the board members accepted and approved the same.

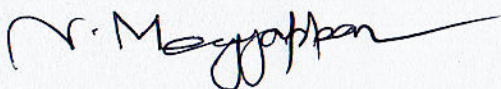
d) M.Tech (Biotechnology)

Prof.E.Nakkeeran, HOD/BIO informed the committee members that the curriculum and syllabus (I - IV Semesters) for R-22 M.Tech Biotechnology programme have been recommended by the BoS and ACM earlier.

The Chairman informed that the recommendations made by the BoS members will be forwarded to the Academic Council of SVCE for further approval.

Prof. E. Nakkeeran, HOD/ BIO delivered the vote of thanks to the BOS members for their presence and valuable suggestions.

The Chairman thanked all the members for their presence and this meeting was adjourned at 1.00PM.



Prof. N. Meyyappan,

Chairman - BoS

Faculty of Technology