



**CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY (A)**

Kokapet (Village), Gandipet, Hyderabad, Telangana-500075. www.cbti.ac.in



CHEMICAL ENGINEERING DEPARTMENT

Minutes of the 9th BOS meeting held on 27th March 2021

Due to the prevailing pandemic situation the 9th BOS meeting was conducted in online mode. The meeting started at 10 30 AM as per the schedule given. Dr Ravindra Pogaku, Head of the Department and Chairman, BOS, cordially invited the Members of the BOS and briefed about the vision and achievements of the department and the activities undertaken in the department during this silver jubilee year of the department

BOS Members Present

External Members:

1. Dr. Vinod Janardhan, Professor, Department of Chemical Engg, IIT-Hyderabad.
2. Dr. Gumma Sasidhar, Professor, Department of Chemical Engg, IIT-Tirupati.
3. Dr. V Ramesh Kumar, Professor, College of Technology, Osmania University, Hyderabad
4. Dr. Sreepriya Vedantam, Principal Scientist, Chemical Engg Sciences, ICT, Hyderabad.
5. Sri. P.S.Pavan Kumar, Chief General Manager, Process Safety, Aurobindo Pharma Ltd., Hyd
6. Sri. G. Venu Babu, Deputy General manager, Technical services, Hetero Drugs Ltd., Hyd
7. Dr. Disha Ahuja, Managing Director, Ahuja Green Technologies, Secunderabad
8. Dr. T. Bala Narsaiah, Professor, Department of Chemical Engg, JNTU Anantapur

Internal Members

1. Dr. Ravindra Pogaku, HOD Chemical Engineering and Chairman BOS
2. Prof. R. Sreedhar Rao, Professor(Adhoc), Chemical Engg Department.
3. Dr NLN Reddy, Associate Professor and Director, CDC
4. Dr. P.V. Naga Prapurna, Associate Professor
5. Sri. I. Balakrishna, Sr Assistant Professor
6. Dr. M. Kalyani, Assistant Professor

The following are the resolutions made in the meeting after thorough deliberations

1. Credits distribution is uneven in II year with 26 credits in III semester and 19 credits in the IV Semester which would burden the students with more work load in III Semester.
2. Chemical Engineering Thermodynamics-I to be shifted to III Semester and Chemical Technology to be shifted to IV Sem.

3. Consistency to be maintained in internship schedule. Suggested for two to three years continuous work at one place every week if possible.
4. Short intern durations may not be of practical value for the student.
5. Final semester may be completely dedicated for the internship.
6. Proposed to make “Process Safety” as a core subject if possible or to couple with any other subjects like Chemical Reaction Engineering, to include “Reaction hazards” and Environmental Engineering with safety aspects.
7. CAPI – to be offered in V semester with Lab (3+1.5 credits) and can be renamed as Process Modeling and Simulation if possible
8. PDC to include Instrumentation concepts – to be offered in VI semester with lab (4 + 1.5 credits)
9. Re-work on electives and offer more relevant ones suitable to the current trend.
10. It is not necessary to offer five (5) choices in each elective.
11. Paper and Pulp elective can to be removed from the curriculum and relevant topics may be included in Chemical Technology.
12. Change the title for “Food Technology” to “Food Processing Technology”. Rewrite course objective-1.
13. Reframe the syllabus for “Chemical Technology”, replace conventional manufacturing processes with advanced ones. Include Pharma and API in Unit I and ceramics industries can be condensed.
14. Rearrangement of topics across units is suggested in Fluid Mechanics, Heat Transfer.
15. In “Energy Engineering” elective remove few topics from 3rd and 4th unit and include in 5th unit.
16. Elective Advanced Separation Processes can be removed, as such a course is suitable for PG level curriculum. Membrane Technology can be accommodated in its place.
17. Chemical engineering Thermodynamics may be renamed as Phase and Chemical equilibria.
18. MEB by Bhatt and Vora can be made as suggested Book no.1
19. MATLAB and ASPEN PLUS softwares can be considered as skilling course and to be taught in Computer Applications Course.
20. Equipment Drawing course can be taught using CAD softwares

The meeting ended on a positive note with some valuable suggestions from the members. Few suggestions are to start a PG course in interdisciplinary area, to have a more practical approach to labs, increasing the guest lectures frequency, including the current trends in the curriculum.

Few members felt the curriculum structure has more constraints. Also they suggested that general skills are more required for the overall development of the students.

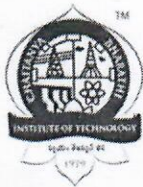
Chairman, BOS gave the concluding remarks and thanked the members present for their suggestions and requested their support for internships, research projects, collaborations, placements and training needs. Coordinator, BOS proposed vote of thanks. The meeting was adjourned at 1 45 PM.

sd/—

I.Bala Krishna
Coordinator,BOS

for Prof Ravindra Pogaku

(HOD &Chairman BOS)



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COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

42
years

CHEMICAL ENGINEERING DEPARTMENT

Minutes of the meeting held in response to the 9th BOS meeting on 17.04.21

A department meeting was convened in response to the 9th BOS meeting on 17.04.21. The meeting was attended by all the faculty members of Chemical Engineering department and accepted the minutes with some modifications.

1. It is decided to offer the elective "Pulp and Paper Technology" inspite of suggestions from the Board to include some of the topics from this subject into Chemical Technology. The main reason to continue this subject as elective is to impart knowledge to students in this area as jobs offered in Campus placements by the Paper Mills like Sirpur Kagaz mills, JK paper mills is on the raise.
2. Process Safety subject is to be continued as a separate elective and topics from this subject not to be included in any other subjects like CRE or Environmental Engineering, as this subject is needed to be taught separately keeping in view the breadth of the subject.
3. Internships to be offered as per the Institute guide lines.
4. All other suggestions from the Board are to be implemented without any change.

Sd/

I.Bala Krishna
Coordinator, BOS

for Prof Ravindra Pogaku
(HOD & Chairman BOS)