



**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**  
Kokapet ( Village), Gandipet, Hyderabad, Telangana-500075. www.cbait.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION,

**42**  
years

## CHEMICAL ENGINEERING DEPARTMENT

### Minutes of the 9<sup>th</sup> BOS meeting held on 27<sup>th</sup> March 2021

Due to the prevailing pandemic situation the 9<sup>th</sup> BOS meeting was conducted in online mode. The meeting started at 10 30 AM as per the schedule given. Professor Ravindra Pogaku, Head of the Department (HOD) of Chemical engineering and Chairperson, 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. VenuBabu, 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. Professor. Ravindra Pogaku, Head Department of Chemical Engineering and Chairperson Board of Studies (BOS)
2. Dr. 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, Senior 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 technology elective can 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 few topics from 3<sup>rd</sup> and 4<sup>th</sup> unit may be replaced and include in 5<sup>th</sup> 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

Chairman – BoS has appraised about the revised Mission and PEO statements of the department to all the BoS members. The members have approved the same.


The meeting ended on a positive note with some valuable suggestions from the members. Few suggestions are to start a PG course in inter-disciplinary 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 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.



I. Bala Krishna  
Coordinator, BOS



for Prof Ravindra Pogaku  
(HOD & Chairman BOS)



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## CHEMICAL ENGINEERING DEPARTMENT

### Minutes of the meeting held in response to the 9<sup>th</sup> BOS meeting on 17.04.21

A department meeting was convened in response to the 9<sup>th</sup> 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.

  
I. Bala Krishna  
Coordinator, BOS

  
Prof. Ravindra Pogaku  
(HOD & Chairman BOS)