

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY [A], GANDIPET,
HYDERABAD-500 075**
Chemical Engineering Department

Minutes of 7th BOS meeting Chemical Engineering Department held on 16.03.2018.

1. Five course objectives & six course outcomes must be mentioned for all the subjects (theory & labs).
2. Appropriate text books /suggested books should be mentioned in the syllabus copies of respective subjects.
3. Experts expressed that the model curriculum should be implemented as suggested by AICTE. However, if the institute wants to maintain a common criterion, then changes may be made accordingly keeping in view the promotion rules of the college for the students.
4. Scheme for the semesters (III to VIII) under model curriculum were discussed at length & advised some changes.
5. Schemes for V, VI semesters of CBCS were discussed, the changes are mentioned in Annexure (I & II).
6. Experts suggested to give project such as Design of Distillation columns, Design of Heat Exchangers, Reactors etc., to the interested final year students. This should be a part of the final year project curriculum.

Annexure (I) V Semester (CBCS)

- i. The proposed Scheme for V semester under CBCS was approved without any changes.
- ii. CRE-II (theory), the syllabus is approved, suggested some text books to be included.

Discussions on V Semester

- iii. The proposed Scheme for V semester under CBCS was approved without any comments.
- iv. In MTO-I Sequence of topics in unit-V should be considered according to experts suggestions.
- v. a). In process instrumentation, Abbreviations should be mentioned in expended form.
b). swapping of unit nos V & IV.
- vi. In MUO Lab, experts suggested that the list of experiments in the syllabus should be mentioned chronologically.
- vii. Process heat transfer labs - Experts suggested to add experiments on film wise and drop wise condensation, open pan evaporator. They have also suggested to have a separate Process Heat Transfer lab & Fluid Mechanics Lab (for Chemical Engg. and Bio-Technology Depts. together).
- viii. SCT theory – syllabus was approved with minor changes.
- ix. TVOF theory – syllabus was approved with minor changes.
- x. Corrosion Engg.(Elective-III): Approved the syllabus without any changes.
- xi. Mineral Process Technology: Experts suggested to include 2 or 3 case studies in the syllabus.
- xii. SCT Lab: Approved the list of experiments.
- xiii. TVOF Lab: Advised to delete the experiment on oil content in seeds.

Annexure (II) VI Semester (CBCS)

- i. Bio-Chemical Engg. :
 - a). Unit-IV syllabus is to be redesigned.
 - b). Additional books may be added.
- ii. CET-II: Approved the syllabus without any changes.
- iii. Chemical Process safety :
 - a). Additions & deletions in the syllabus of Unit-I was suggested by Experts
 - b). Corrections in Unit -II & III.
- iv. PDC: Approved the syllabus without any changes.
- v. PMSO : Approved the syllabus without any changes.
- vi. CRE / PDC /PMSO Labs : No changes.
- vii. **Elective – IV: i)** Energy Engg. a). Suggested deletion of wave energy topic from Unit- III.
 - b). Topic on type of photovolalitic cells to be included.
 - c). Unit- IV, Introduction to Nuclear fusion should be introduced.
 - ii) Fluidization Engg. : Suggested to included CO_x in Unit- V.
 - iii) Pharmaceutical Technology : The Experts suggested certain topics to be added in 4th & 5th Units.

for reference
Chairman - BOS
Dr. B. Sreedhar Rao
(HOD - chemical Engg)