

Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad-500 075  
(Accredited four times by NBA – AICTE, An UGC Autonomous Institute)

Department of Chemical Engineering

**MINUTES OF BOARD OF STUDIES MEETING HELD ON 28-09-2013 – 1<sup>st</sup> BOS**

Members present:

1. Prof. T. Sankarshana, Dean College of Technology, Osmania University, Hyderabad
2. Sri. K. Ravindranath, Deputy Director, Indian Institute of Chemical Technology, Hyderabad
3. Sri. K.V.S.S. Sairam, CEO & MD, Pratishta Biotech, Hyderabad
4. Dr. R.Sreedhar Rao, Prof & Head, Dept of Chemical Engg, CBIT, Hyderabad
5. Sri. V. Ananth Kumar Thimmarusu, Associate Prof., Dept of Chem Engg, CBIT, Hyderabad
6. Dr. P. V. Naga Prapurna, Associate Prof., Dept of Chemical Engg, CBIT, Hyderabad
7. Sri. I. Bala Krishna, Sr. Asst.Prof, Dept of Chemical Engg, CBIT, Hyderabad

The following resolutions were made during this meeting:

**I. First year FIRST semester :**

1. To introduce the subject 'Fundamentals of Environmental Science' during **first year first semester**. This subject should be taught by the staff of chemical engineering department as this is a prerequisite course for another advanced subject being offered during final year i.e 'Pollution control in process industries'. The latter includes topics that are an extension of those covered in the former prerequisite course. The syllabus was designed and accepted by the members.  
However, during the Academic council meeting held on 30-10-2013 at CBIT, it was decided that this subject will be under Board of Civil Engineering.
2. As far as possible only one 'textbook' should be prescribed for each of the subjects and the book should cover most of the topics of the syllabus.
3. The books mentioned as 'reference books' in the subject syllabus, should be made available in the institute library.
4. The subject 'Engineering English' is to be named as 'English'.
5. The service department coding will be followed for common subjects like English, Chemistry, Physics, Mathematics and allied labs along with workshop practice.
6. Inclusion of the topic 'Fuels' in the subject 'Inorganic Chemistry' has been appreciated. It helps the students to understand the need of 'fuels to be produced rather than burnt'.



7. The syllabus for the subjects: English-1, Mathematics-1, Physics-1 & Inorganic chemistry will be prepared by the respective department BOS members and also be approved in their BOS meeting.
8. The syllabus for the subject 'Inorganic Chemistry lab' has to be more elaborative. At least '12' experiments have to be listed out and a minimum of '8' experiments have to be conducted during the semester.
9. Syllabus for the lab 'workshop practice' was reviewed and decided to include **four trades** with 'welding' as mandatory. The other three being: Fitting, House wiring and Lathe machine operation. Atleast three exercises need to be designed under each trade. Overall a minimum of '8' experiments have to be conducted during the semester.
10. Changes were suggested in the syllabus structure of 'C' programming & MatLab computing lab'. It has two sections. Section-1 is on 'C' programming in which 9<sup>th</sup> point 'linear search and binary search' has been deleted and a minimum of 5 exercises shall be performed from section-1. Section-2 is on MatLab and all the three exercises are compulsory.

## II. First year SECOND semester :

11. Changes were suggested in the subject 'Fundamentals of chemical engineering'. They have to be incorporated and communicated to the board members for approval.
12. In the subject 'Engineering drawing' topics on 'introduction to CAD' should be included.

## III. OTHERS:

13. It has been resolved to condense the syllabus of 'electrical engineering' and 'mechanical engineering' subjects into one common subject: 'Fundamentals of electrical & mechanical engineering'. It shall be offered in semester-3[Second year first semester]. The syllabus will be discussed and approved in the next BOS meeting.
14. A few changes in the scheme and syllabus for subjected that are to be included in the further semesters of the course i.e semester-3 upto semester-8 were briefly discussed. The details will be discussed in the subsequent BOS meetings.
15. The next BOS meeting will be during the last week of December 2013.

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*for BOS - chairman*  
*Chemical Engg*