



Department of M & H
Minutes of BOS meeting 2014

MINUTES OF THE MEETING OF THE
BOARD OF STUDIES IN MATHEMATICS
FOR ALL UG & PG BRANCHES OF ENGINEERING
CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, HYDERABAD
(AUTONOMOUS)
AFFILIATED TO OSMANIA UNIVERSITY, HYDERABAD

CBIT: Effective from the Academic Year: 2013-2014
Date :26-04-2014
Time :1100 AM
Venue : HODRoom, K-BLOCK, II-FLOOR

Agenda

The Agenda for the scheduled meeting is to discuss and to finalize on the following:-

1. To discuss and to finalize the syllabus for II-year, I and II- semester for the Academic Year (2014-2015)-(Mathematics-III and Mathematics -IV)
2. To finalize the topics to be incorporated for B.Tech-(Bio-Technology)for II-year First and Second Semesters and to rename the subjects with appropriate Titles. The proposed titles for the first and second semesters are "Mathematical Modeling" and "Computational Numerical Methods" respectively.
3. To discuss the syllabus 2/4-ECE-II-semester as desired by the Head of the department of ECE, and to implement his suggestion to include probability and random.process with two units of Complex variables and to rename the Title as " Complex Variables, Probability and Random Process" instead of naming it simply as Mathematics-IV.
4. NO change in the syllabus of the subject is required for **"Probability and Random Process" being offered to B.E.-2/4-II-semester for "Information Technology Branch"**
5. To offer open electives for Third year students in the subjects related to the concerned Branch. One of the common open elective for all Branches proposed by the faculty members of the department was **"Numerical Methods and Linear Programming Problems"** the contents of the syllabus are to be finalized.
6. Any other item, suggestions for further improvement from the members of the BoS and the department faculty.

Proceedings of the Meeting
(In accordance with the sequence of items in the agenda)

1. Finalization of syllabus for 2/4-I and II-semester:

The proposed syllabus M-III and M-IV was discussed and was approved except for a few additions and a few deletions. The members have suggested Titles instead of simply writing the titles as M-III and M-IV.

For M-III the suggested title is - **(Fourier analysis and Partial Differential Equations)** and For M-IV the suggested title is - **(Complex variables, Statistics and Probability)**.

The paper Titled -**Fourier analysis and Partial Differential Equations** in 2/4- I-semester is common to all Branches except for Bio-Technology.

The paper Titled -**(Complex variables, Statistics and Probability)** in 2/4- II-semester is common to all Branches except for ECE and Bio-Technology.

2. As per the request of ECE-HOD the syllabus for 2/4-II-semester was framed in accordance to their requirements and the Title of the Paper is-**Complex variables and Random Processes**

The Proposed syllabus was approved without any changes.

(all together there are 6 papers exclusively on Statistics, Probability and Random Process)

3. The syllabus for the 2/4 – Bio-Technology I & II-semester are approved with very minor changes and changes are incorporated.

The titles for first semester is “**Calculus for Bio-Technology**”- instead of M-III

The Title for second semester is “**Numerical Methods for Bio-Technology**”- instead of M-IV

5. There is no change in the syllabus and the title of 2/4-IT –II-Semester “**Probability and Random Process**”.

6. No change in the syllabus is required for MCA and 3/4-Biotech (Statistics and Probability)

7. The members have suggested introducing two Open elective electives in either in I-semester or II- semester depending on the convenience of the respective departments for which it is offered. The electives are:

1. **Numerical Methods and O.R.** for all Branches of B.E. except (Mechanical and Production)

2. **Cryptography** (for CSE,IT and M.Tech CSE & IT)

Note: An additional staff member with M.Sc (statistics) background may be appointed to ease the workload since there are 3-sections of ECE, one section of I.T and MCA, 3/4-Bio-Tech which contains paper on Statistics, Probability and Random Process.

(Complex variables, Statistics and Probability)- is being introduced for civil, EEE in 2/4-II-semester.

The meeting was concluded by thanking all the members for their valuable suggestions

