

Dt: 06/03/2017

**Chaitanya Bharathi Institute of Technology**

**Department of Mathematics and Humanities, CBIT**

**CIRCULAR**

This is to inform all the faculty members of department of Mathematics and Humanities is conducting the **BoS meeting in Mathematics** for the revision of Second year syllabus for all branches of B.E & B.Tech on **8<sup>th</sup> (WED)/March,2017**

**Venue: ICS-Lab,K-Block II-floor. From 11.00 AM to 1.00 PM**

The said meeting is convened to discuss the following items in Agenda.

- 1. Discuss and Finalize Syllabus of 2/4 - I & II-semesters for B.E & B.Tech Engineering Mathematics.**
- 2. Discuss and Finalize Syllabus of 2/4 - I & II-semesters for Bio-Tech Mathematics & 3/4 - I-semester for Bio-Tech (Bio-Statistics).**
- 3. Discuss and Finalize Syllabus of 2/4 - I -semester for B.Tech Chemical Engineering-MATLAB Programming for Numerical Methods .**
- 4. Introduction of Open Electives.**
- 5. Discuss and decide whether to continue the Bridge Course.**

All the Faculty members of Mathematics are advised not to apply for any kind of leave on the schedule d meeting day.



**HOD, M & H**

Copy to

1. The Principal with a request to join the meeting at any convenient time during the meeting time.
2. Copy to all BoS members.

40 Minutes of the Meeting of Board of Studies (BOS) Maths held on 08-03-2017 at 11:00 AM in the ICS-LAB III-FLOOR K-Block

### 2/4-I-SEMESTER

The Proposed syllabus M-III was placed before the members and approved except for a few additions and deletions. The Suggested changes have been incorporated in the Syllabus. The members have suggested titles instead of simply writing the titles as M-III

#### I. Finalization of Syllabus for 2/4-I semester

A) For M-III the suggested title is - (Partial differential Equations and Complex Analysis) (This paper is common to All Branches except Biotechnology)

NOTE: In Addition to the Theory paper - Partial Differential Equations and Complex Analysis -

MAT-LAB & Programming for Numerical Methods has been introduced exclusively for Chemical Engineering Branch.

### 2/4-II-SEMESTER

For 2/4-II-Semester a total of 10 different papers with appropriate titles and the contents of the proposed papers were so framed to cover all competitive examinations like GATE, IES etc. So that the student will be able to demonstrate a better performance in the said examinations. All the inputs are as per the requirement of the each individual department. The choice of choosing the particular subject is left to the concerned Head and BOS.

## II Finalization of Syllabus for 2/4-II-SEMESTER.

- A) For 2/4 - Chemical Engineering in place of M-IX Suggested Title is (Chemical Engineering Mathematical Analysis)
- B) For 2/4 - Mechanical, Production and Civil Branches - Five different papers were suggested with the following titles. The choice of selecting the title is left to the concerned Head of the Department and their respective members of BOS.
- (i) Probability and Transform Theory
  - (ii) ~~Probability~~ <sup>Statistical</sup> and Numerical Methods
  - (iii) Numerical Techniques
  - (iv) Advanced Differential Equations.
  - (v) Operations Research.
- C) For 2/4 - Information Technology Branch - Suggested Title is (Probability and Random Processes)
- D) For 2/4 - Electrical and Electronics Engineering (EEE) Branch - Suggested Titles are
- (i) (Probability and Numerical Methods)
  - (ii) Integral Transforms
- E) For 2/4 - Electronics and Communications Engineering (ECE) Branch - Suggested Title is ~~Integral Transforms~~ (Numerical Techniques)
- F) For 2/4 - Computer Science Engineering (CSE) Branch

Five different papers were suggested with the following titles. The choice of selecting the title is left to the concerned Head of the Department and their respective members of BOS.

- (i) Probability and Numerical Methods
- (ii) Statistical Methods
- (iii) Data Analysis
- (iv) Introduction to Cryptology
- (v) Operations Research.

III The syllabus for the 2/A - Bio-Technology I & II - Semesters are approved with very minor changes and changes are incorporated.

- (i) The titles for first semester is "Calculus for Bio-Technology"

The two papers have been suggested for Third year - ~~2<sup>nd</sup>~~  
- I - semester : (5<sup>th</sup> - semester)

- (i) Numerical Methods for Bio-Technology
- (ii) BIO-STATISTICS
- (iii)

IV It was resolved to offer Open Electives in the 7<sup>th</sup> and 8<sup>th</sup> - Semesters. The following titles are suggested.

- (i) Introduction to Cryptology
- (ii) Data Analytic
- (iii) Operations Research
- (iv) Quantum Computing.

v) ~~It~~ It was unanimously resolved to do away with the Bridge Course, presently being offered to lateral Entry Students -

vi) Serious Observation :

The members of the BOS have again reminded us to take up Discrete Mathematics. The syllabus of the said course have been outdated and it has not been revised for past 12 years. It is high time to revise the syllabus and must be handled by the Mathematics Faculty.

The meeting was concluded with vote of Thanks.

**MEMBERS PRESENT:**

**Chairman:**

**Dr.M.GANESHWAR RAO**

Associate Professor and Head  
Department of Mathematics and Humanities  
CBIT,Hyderabad.

**SIGNATURE**

*G. Rao*

**University Nominee:**

**Prof. M.V. RAMANA MURTHY**

Chairman Bos (Mathematics)  
Department of Mathematics  
Osmania University, Hyderabad-500001

*Murthy*  
08/03/2017

**Subject Experts:**

**1. Prof. <sup>LAKSHMI</sup> ~~LAXMI~~ NARAYANA**

Department of Mathematics  
IIT, Hyderabad.

*Prof. Narayana*  
08/2/2017

**2. Prof. M.A.SRINIVAS**

Chairman BoS (Mathematics)  
Department of Mathematics  
Jawaharlal Nehru Technological University  
Hyderabad.

*M.A. Srinivas*  
08/3/17

**3. Prof. L.ANAND BABU**

Department of Mathematics  
Anurag Group of Institutions (CVSR)  
Hyderabad.

*L. Anand Babu*  
08/3/2017

**Industrial Representative**

**Dr.B.SRIVATHSA**

Senior Scientist 'F'  
DRDL, Hyderabad.

*Dr. B. Srinivathsa*  
08/3/2017

**Meritorious Alumnus:**

**No Representation**

**Members:**

- 1) **Dr.K.Rama Rao**  
Associate Professor
- 2) **Dr.P.Raj Reddy**  
Associate Professor
- 3) **Dr.Swatmaram**  
Associate Professor

*K. Rama Rao*

*P. Raj Reddy*

*Swatmaram*

**Co-opted Members (From Department of Mathematics and Humanities, CBIT):**

- 1) **Dr.G.Narsimlu**  
Asst. Professor(Sr)

*G. Narsimlu*  
08/03/17

- 2) **Dr.B.R.Sreedhar**  
Asst. Professor(Sr)

*B.R. Sreedhar*

- 3) **Mr.P.Suresh**  
Asst.Professor(Sr)

*P. Suresh*

- 4) **Dr.G.Deepa**  
Asst. Professor

*G. Deepa*

- 5) **Mr.M.Amarnath**  
Asst. Professor

*M. Amarnath*

- 6) **Dr.Mamatha Thakur**  
Asst. Professor

*Mamatha Thakur*

- 7) **Mr.D.Praveen Kumar**  
Asst. Professor

*D. Praveen Kumar*