CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY (A)
Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. / www.cbit.ac.in
ISO 9001:2015 Certified Institute

COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

41 years

Department of Mathematics

Date: 24.07.2020

Minutes of Meeting

Minutes of meeting of **Board of Studies-Mathematics** was held on **22.07.2020** at 7 PM through online mode. The following points were discussed and the minutes of meeting are recorded as below:

I. B.E: Sem-I & Sem-II

The proposed syllabus of Sem-I and Sem-II for all engineering programs as per AICTE model curriculum of R-18 changed one as R-20 placed before BoS members. The member's suggestions have incorporated in the proposed syllabus as follows.

The revised curriculum of R-20 broadly divided into two separate groups. Group I contains CSE, IT, AI&ML, AI&DS, IoT and Cyber Security with Black Chain Technology programs. Group-II contains ECE, EEE, MECH, Civil and Chemical programs.

1. All the BoS members suggested that the title of the paper for Sem-I and Sem-II for Group-I should be named as "Linear Algebra & Calculus" and "Differential Equations & Transform Theory" respectively with effect from 2020-21 Academic Year.

2. Suggested to Incorporate applications of Divergence Theorem in Unit-III, Newton's Law of cooling, Growth and decay and LCR circuits in Unit-IV of "Vector calculus & Differential equations" of Group-II.

Mathematics-I & II for Bio-Technology

All BoS members suggested to incorporate functions and graphs in Unit-II of Maths-I paper of Bio-Technology and also recommended the Books as

1. Theory of equations by Burnside and Panton.
2. Higher Algebra by Hall and knight in place of "Telugu Academy" Intermediate mathematics-I for Bio-Tech.

M.Tech (AI&DS):

All BoS members suggested Matrix algebra syllabus in place of vector space for first two units of Mathematical Foundations for Data Science of (AI&DS) M.Tech.

NOTE:

1. All the BoS members appreciated the principal for the initiation of the Mathematical Lab to cater the present needs of student community with "1" credit Lab course of CIE of 50 Marks for the Group-I (CSE, IT, AI&ML, AI&DS, IoT and Cyber Security

with Black Chain Technology) students and also suggested to extend the same facility for Group-II (ECE, EEE, MECH, Civil and Chemical) students.

2. All the BoS members have suggested to principal to provide mathematical Lab exclusively for the Department of Mathematics with Software such as Math Lab/Mathematica/python/Maple/SciLab to solve the Mathematical modeling problems.

3. All the BOS members ratified the Review of Objectives and CO's of R-18 and suggested to change the title as Decision Theory in place of Applied Operational Research and asked to incorporate Solution of LPP by dynamic Programming and Network scheduling by PET/CPM.

P. Naig Deep

HEAD
Dept.of Mathematics and Humanities
Chaitanya Bharathi Institute of Technology
Gandipet, Hyderabad-500 075.
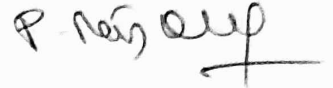
Chaitanya Bharathi Institute of Technology(A)

Department of Mathematics and Humanities

The following BoS members for Mathematics as mentioned below

MEMBERS PRESENT (~~illegible~~)   **SIGNATURE**

Chairman:

Dr.P.Raj Reddy
Professor and Head
Department of Mathematics and Humanities
CBIT, Hyderabad.
9441063700
rajpendyala@yahoo.com

University Nominee:

1. **Prof. C.Govardan**   (Nominated by Vice-Chancellor of Osmania University)

    Dept. of Mathematics

    Osmania University

    9440130036

    goverdan_c@yahoo.com

Subject Experts:

1. **Prof.N.Kishan**

    Chairman BoS

    Dept.of Mathematics, Osmania University
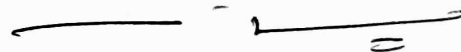
    9346433343

    kishan_n@rediffmail.com

2. **Dr.P.A. LAKSHMI NARAYANA**

    Department of Mathematics

    IIT, Hyderabad

    9949287368

    ananth@iith.ac.in

Industrial Representative

    Dr.B.SRIVATHSA

    Senior Scientist 'F'

    DRDL, Hyderabad.

    9849172835

    srivathsa_boddapati@rediff.com

No Representation

Meritorious Alumnus:

Members:

1) **Dr M.Ganeshwar Rao**
   Professor, CBIT
   9490316979

2) **Dr.Swatmaram**
   Associate Professor, CBIT
   9849167507

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

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

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

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

4) **Dr.G.Deepa**
   Asst. Professor (Sr)

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

6) **Dr.K.Sharada**
   Asst. Professor

7) **Dr.A.Padma**
   Asst. Professor

8) **Dr.Mamta thakur**
   Asst. Professor

9) **Dr.Palle Kiran**
   Asst. Professor

Professor & HEAD
Dept.of Maths & Humanities, CBIT (A)