



DEPARTMENT OF MATHEMATICS

Date: 23.04.2021

Minutes of Meeting

Minutes of meeting of Board of Studies-Mathematics held on 14.04.2021 at 4 PM through online mode. This is the continuation of Minutes of Meeting of 22.07.2020 of R-20 Curriculum. The following points of agenda were discussed and the minutes of meeting are recorded as below:

The proposed syllabus categorize in to Four parts ( Sem III ,IV ,Sem V and Open electives) for all Engineering programs as per AICTE model curriculum of R-18 modified/changed to R-20 placed before BoS members. The BOS member's suggestions are incorporated in the proposed syllabus as follows.

**Chairman, BOS**

Dr P Raj Reddy, Head & Professor

*P. Raj Reddy*

**Members Present**

**University Nominee**

1. Prof. B.Surender Reddy, Department of Mathematics,  
Osmania University

**Subject Experts**

1. Dr. Subrahmanya Sastry Challa,  
Department of Mathematics, IIT Hyderabad
2. Prof. C.Govardan, Dept. of Mathematics  
Osmania University

**Internal Members**

- 1) Dr M.Ganeshwar Rao, Professor
- 2) Dr.Swatmaram, Assoc. Professor
- 3) Dr.G.Narsimlu, Asst. Professor(Sr.)
- 4) Dr.B.R.Sreedhar, Asst. Professor(Sr.)

*D.G.R.*  
*Swatmaram*  
*G.Narsimlu*  
*B.R.Sreedhar*

### **I. B.E. / B.Tech.: Sem-III**

1. Applied Mathematics for ECE &EEE
2. Partial differential equations and statistics for CIVIL,MECH &Chemical
3. Probability and Statistics for AI&DS
4. Mathematical Foundation for Data Science & Security for CSE
5. Mathematical Foundation for Data Science & Security (Lab) for CSE

### **II. B.E. / B.Tech.: Sem-IV**

1. Probability and Queuing Theory for I T
2. Stochastic Process and Queuing Theory for AI&DS
3. Stochastic Process and Queuing Theory Lab for AI&DS
4. Engineering Mathematics for Bio-Tech

### **III. B.E./ B.Tech.: Sem-V**

1. Bio-Statistics

### **IV. Open Electives**

1. Financial Mathematics OE-01
2. Decision Theory OE-02
3. Quantum Computing OE-03
4. Numerical Methods OE-04B

5. All the BoS members suggested that the title of the papers should be changed to S.No. 1, 2 and 3 of Sem -III , S.No. 1, 2 , 3, 4 ,5 and 6 of Sem -IV and S.No. 1 of Sem V and Open Electives. Earlier which were labled as Maths-III ,IV and applied Maths.
6. All the BOS Members suggested that 2-D and 3-D Geometry may be incorporated in Mathematics -I or Mathematics -II for Bio-Technology students in the next revision of the syllabus.
7. All the BOS Members suggested Dept of Math's should have LAB as same as Physics, Chemistry and English Depts. to cater the needs of better skills and execution of programs effectively. At present Dept of Math's is handling 9 sections in Sem-I &II of R-20 and One LAB session for first sem M.Tech. (AI&DS).of R-20.
8. Sem-IV of R-20 have 6 sections for CSE (5)+AI&DS (1) with effect from 2021

### I. B.E. / B.Tech.: Sem-III

S.No	Subject	Code	Page No
1	Applied Mathematics for ECE & EEE	20MTC07	4
2	Partial differential equations and statistics for CIVIL, MECH & Chemical	20MTC08	5
3	Probability and Statistics for AI&DS	20MTC09	6,7
4	Mathematical Foundation for Data Science & Security for CSE	20MTC13	8,9
5	Mathematical Foundation for Data Science & Security (Lab) for CSE	20MTC14	10

### II. B.E./ B.Tech.: Sem-IV

S.No	Subject	Code	Page No
1	Probability and Queuing Theory for I T	20MTC12	11,12
2	Stochastic Process and Queuing Theory for AI&DS	20MTC10	13
3	Stochastic Process and Queuing Theory Lab for AI&DS	20MTC11	14
4	Engineering Mathematics for Bio-Tech	20MTC23	15,16

### III. B.E./ B.Tech.: Sem-VII

S.No	Subject	Code	Page No
1	Bio-Statistics	20MTC24	17,18

### IV. Open Electives

S.No	Subject	Code	Page No
1	Financial Mathematics	20MTO01	19,20
2	Decision Theory	20MTO02	21
3	Quantum Computing	20MTO03	22
4	Numerical Methods	20MTO04B	23

P. Nay Deep  
HEAD  
Dept. of Mathematics and Humanities  
Chaitanya Bharathi Institute of Technology  
Gandipet, Hyderabad-500