



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

## FRESHMAN ENGINEERING DEPARTMENT

The Board of studies meeting was held on 8<sup>th</sup> July, 2020 in the Department of MATHEMATICS to discuss the following points for R-20 regulations of I B.Tech, II B.Tech and I M.Tech based on the model syllabus given by AICTE & APSCHE.

Detailed discussion on the following has been done.

- The courses implemented under R17 Regulations.
- Changes of Course Outcomes & Mapping with PO statement along with justification.
- Discussion on Syllabus for next regulation (R20) based on the model syllabus given by AICTE & APSCHE.
- Innovative teaching techniques.
- Suggestions for getting effective feedback from stakeholders.
- Various steps to improve the skills & knowledge of the students.
- The ways for the enhancement of qualitative placements.

The following items were also discussed and re-approved.

- Course structure for I B.Tech, II year B.Tech and I M.Tech including open elective courses of R-20 regulations.
- Detailed syllabus of I B.Tech, II B.Tech and I M.Tech including open electives along with outcomes of each course.
- Paper setters for MATHEMATICS theory courses.
- Paper valuers for spot and external evaluation for MATHEMATICS courses.
- Changes of Course Outcomes & Mapping with PO statement along with justification.
- Discussion on Syllabus for next regulation (R20) based on the model syllabus given by AICTE & APSCHE.

The following are the courses proposed for B.Tech

I-Semester- Differential Equations

II-Semester- Linear Algebra and Transformation Techniques (except for ECE)

Linear Algebra and Complex Analysis (for ECE only)

III Semester- Probability & Statistics (for CSE & IT Only)

Numerical Methods and Integral Calculus (except for CSE & IT)

**OPEN ELECTIVE COURSES**

IV-Semester - Numerical Methods and Integral Calculus (for CSE & IT Only)

Probability & Statistics (for ASE & CIVIL Only)

Complex Variables and Statistical Methods (for EEE & Mech)

Functions of Complex Variables (for Mech only)

I Semester (M.Tech) - Numerical Methods for Engineers

**Signatures of external members with names:**

**Name**  
Dr. K. PanduRanga Rao  
Retired Professor in Mathematics  
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**Signature**

*K. Pandu Ranga Rao*

**Signatures of internal members with names:**

**Subject Coordinator**

Dr A. Rami Reddy

*A. Rami Reddy*

**Members**

Dr. K.R. Kavitha

*K.R. Kavitha*

Dr. K. Jhansi Rani

*Jhansi Rani*

Mr. Y.P.C.S. Anil Kumar

*Y.P.C.S. Anil Kumar*

Mr. D.Vijay Kumar

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Mr. M. Rami Reddy

*M. Rami Reddy*

Mrs. K. Bhanu Lakshmi

*Bhanu Lakshmi*

Mrs. G. Vijaya Lakshmi

*Vijaya Lakshmi*

Mrs. K.N.V. Lakshmi

*K.N.V. Lakshmi*

**Chairman**

Dr.A. Rami Reddy

*A. Rami Reddy*