

Maisammaguda (V), Dhulapally (P)  
Near Kompally, Medchal (M), Secunderabad - 500 100.  
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# NARSIMHA REDDY ENGINEERING COLLEGE

UGC AUTONOMOUS

Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad  
Accredited by NAAC with 'A' Grade & NBA, UGC 2(f) & 12(B)

21<sup>ST</sup> SEP 2023

## DEPARTMENT OF HUMANITIES & SCIENCES

### MATHEMATICS 2<sup>nd</sup> BOS MEETING

#### I AGENDA

1. Approval of Syllabus for NR 23.
2. Any other point by the permission of Chair.

#### II LIST OF BOS MEMBERS:

S.No	Name of the Member	Designation	Role of the BoS
1	Prof. N Sai Kiranmai	HOD, FME Dept.	Chairman
<b>Subject Experts Nominated by the Academic Council</b>			
2	Dr. V Srinivasa Rao	Professor, Dept of Mathematics, ANURAG University, Hyd.	Member
3	Dr. Upendra Mendu	Assistant Professor, Dept of Mathematics, GITAM University, Hyd.	Member
<b>Department Faculty</b>			
4	Mrs. K Srividya	Assistant Professor	Member
5	Mrs. G Sandhya Rani	Assistant Professor	Member
6	Mrs. J Chaitanya	Assistant Professor	Member
7	Mrs. Y Laxmi Devi	Assistant Professor	Member
8	Mr. Mahendra Varma	Assistant Professor	Member
<b>University Nominee</b>			
8	Dr. B Ravindra Reddy	Professor of Mathematics, BOS Chairman, Deputy Director, DAFA	Member
<b>Industry Representative</b>			
9	Mr.Ch. Prasannanjaneya Reddy	Sr. Data Researcher, S&P Global, Hyd.	Member

#### III Minutes of Meeting:

1. The meeting was held at the H&S Department, NRCM, on 21<sup>st</sup> Sep 2023 at 04.00pm.
2. The Chairman of BOS Committee has briefed about the rules and regulations stipulated by UGC and JNTUH, Hyderabad for Autonomous colleges after introducing all the members.
3. The committee emphasized the need for contemporary topics which can enhance the mathematical skills of students and insisted that the topics should connect with the students.



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4. The Chairman of BOS presented the proposed Course Structure and Detailed syllabus of Matrices and Calculus, Ordinary Differential Equations and Vector Calculus, Computer Oriented Statistical Methods, Numerical Methods and Complex Variables, Probability and Statistics, Probability, Statistics & Complex Variables to the board. The board suggested the following changes in the syllabus.
5. The following suggestions are considered and incorporated as per the BOS member's recommendations:

**Matrices and Calculus:**

- I) Unit-1: Inclusion of L-U decomposition method.
- II) Unit-3: Inclusion of Maclaurin's series
- III) Unit-5: Removal of Applications: Areas and volumes (by TRIPLE integrals).

**Ordinary Differential Equations and Vector Calculus:**

- I) Unit-2: inclusion of  $x^m V(x)$

**Computer Oriented Statistical Methods**

- I) Unit-2: Geometric distribution & Removal of Chebyshev's theorem

**Probability and Statistics**

- I) Unit-2: Geometric distribution & Removal of Chebyshev's theorem

**IV Resolution:**

The members of BOS after detailed discussion approved the syllabus of Matrices and Calculus, Ordinary Differential Equations and Vector Calculus, Computer Oriented Statistical Methods, Numerical Methods and Complex Variables, Probability and Statistics, Probability, Statistics & Complex Variables offered to various branches of B.Tech.

The meeting was concluded by Vote of thanks given by the Chairman of BOS Committee.

**Members Present:**

S.No	Name of Faculty	Signature	S.No	Name of Faculty	Signature
1	Prof. N Sai Kiranmai	<i>[Signature]</i>	6	Mrs. Y Laxmi Devi	<i>[Signature]</i>
2	Dr. B Ravindra Reddy	<i>[Signature]</i>	7	Mr. Mahendra Varma	<i>[Signature]</i>
3	Dr. V Srinivasa Rao	<i>[Signature]</i>	8	Mrs. K Srividya	<i>[Signature]</i>
4	Dr. Upendra Mendu	<i>[Signature]</i>	9	Mrs. G Sandhya Rani	<i>[Signature]</i>
5	Mr.Ch. Prasannanjaneya Reddy	<i>[Signature]</i>	10	Mrs. J Chaitanya	<i>[Signature]</i>

**NRCM**

ESTD : 2007