



**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS)**



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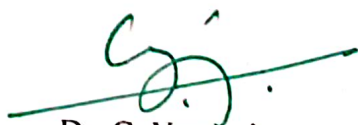
Department of Mathematics

Date: 27-02-2021

Members of the Board of Studies for the Academic Year 2020-21

S.No.	Name of the member	Composition as per the UGC-Autonomous guidelines	Designation & Address
1	Dr. Shukla Vidya Prasad	Head of the Department concerned (Chairman)	Professor & HOD, Department of Mathematics, MITS, Madanapalle
2	Dr. Y.V.S.S Sanyasi Raju	Subject Expert	Professor, Department of Mathematics, IITM-Chennai sryedida@iitm.ac.in 091 4422574621
3	Dr. Srinivas Suripeddi	Subject Expert	Professor, Department of Mathematics, VIT-AP University, Amaravathi srinusuripeddi@hotmail.com 9894243574
4	Dr. G. Shobhalatha	Expert nominated by the Vice-Chancellor	Professor & HOD, Department of Mathematics, Sri Krishnadevaraya University, Anantapuramu lathashobha91@gmail.com
5	Dr. Ravindra Babu. Tallamraju	Expert from Industry/corporation sector	Data Scientist at Flipkart Information Technology & Services, Bangalore avindrababu.t@gmail.com 97399 07725


Dr. Shukla Vidya Prasad
Professor & HOD
Mathematics
MITS, Madanapalle


Dr. C. Yuvaraj
Professor & Principal
MITS, Madanapalle

PRINCIPAL
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Minutes of meeting

A meeting of Board of studies (BOS) of the department of Mathematics regarding I B.Tech syllabus of Regulations 2020 (R-20) held at 4 P.M to 5 P.M. on 1 March 2021 through M.S. Teams.

Members presented:

BOS chairman : Dr. Shukla Vidya prasad
Head, Department of Mathematics
MITS, Madanapalle.

Subject Experts

1. Dr. Y.V.S.S. Sanyasiraju
Professor
Department of Mathematics
TITM, Chennai - 600 036

2. Dr. Srinivas Subreddi
Professor
Department of Mathematics
VIT-AP University
Amravathi - 522237

Expert in Subject
nominated by V.C.

3. Dr. G. Shobhalatha
Professor
Department of Mathematics
Sri Krishnadevaraya University
Anantapur - 515 002

Subh

Members:

1. Dr. K. V. Nara Simha Murthy
2. Dr. R. Sadavana
3. Dr. P. Ramesh Reddy
4. Dr. A. Subba Rao
5. Dr. Dipana Tyoti Mohanty
6. Dr. Manoj Kumar Singh
7. Dr. MD Gulzar ul Haq Sam
8. Dr. Ashan Mahabadi
9. Dr. Rama Sany Subramaniam

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10. Dr. Vikash Kumar.

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE
DEPARTMENT OF MATHEMATICS

BOARD OF STUDIES

Date: 01.03.2021

AGENDA: BOARD OF STUDIES MEETING of the department of Mathematics regarding I B.Tech Syllabus of R20 Regulations held at 4 PM to 5 PM on 1 March 2021 through Microsoft teams meeting.

1. Introduction of external experts to the committee members
2. Opening remarks by BOS chairman
3. Discussion on proposed regular courses for UG (I B. Tech)
 - a. 20MAT101 ENGINEERING CALCULUS (CE, CSE, CST, ME, IOT, CS, AI, DS and ECE),
 - b. 20MAT105 CALCULUS AND DIFFERENTIAL EQUATIONS (EEE),
 - c. 20MAT106 LINEAR ALGEBRA AND TRANSFORM CALCULUS (EEE),
 - d. 20MAT107 LINEAR ALGEBRA, COMPLEX VARIABLES AND ORDINARY DIFFERENTIAL EQUATIONS (ECE),
 - e. 20MAT110 LINEAR ALGEBRA (CSE, CST, IOT, CS, AI and DS)
 - f. 20MAT102 LINEAR ALGEBRA AND DIFFERENTIAL EQUATIONS (Civil & Mechanical Engineering).
4. Reveal the resolutions made by BOS members
5. Vote of Thanks


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Engineering calculus.

Resolutions: Resolve to approve the I R.Tech I Sem Course Structure and Syllabus of Engineering Calculus for CE, CSE, CST, ME, ECE, CSE (Data Science), CSE (Internet of Things), CSE (Cyber Security) and CSE (Artificial Intelligence)

The suggestion of BOS members are given as follows.

1. Incorporate gradient of function before curl and divergent, If needed.
2. Approved the syllabus and its contents of course (RI8-Engineering Calculus)

[Signature]

(Dr. R. SARAVANA)

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Linear Algebra and Differential Equations

Resolutions $\rightarrow$ Resolve to approve the I. B. tech II Sem Course structure and syllabus of Linear Algebra and differential equations for civil and mechanical.

The suggestion of BOS members are given as follows.

- ① They instructed to remove first order PDE and Introduce Laplace transforms.
- ② They instructed to introduce Eigen values and Eigen function in unit 5.
- ③ They instructed to modify the course objectives and outcomes for unit 4.

MJS

Dr. Manoj Kumar Singh

Phule

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Calculus and Differential Equations

Resolutions: Resolve to approve the 1st B.Tech 1st Sem course structure and syllabus of Calculus and Differential Equations for EEE.

The suggestion of B01 members are given as follows.

- ① They instructed to add applications of Differential equations in 4th unit, i.e. LCR and Spring mass system.
- ② They instructed to mention the topics of test for convergence i.e. Integral test, Limit comparison Test, Ratio Test, Root Test, Alternating series Test, Radius of convergence in power series etc.

Subba

DR. A. SUBBARAO

Subba

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Linear Algebra and Transformed calculusResolutions

Resolve to approve the I B.Tech IInd semester
course structure and syllabus of linear algebra and
Transformed calculus.

Approved to follow the linear algebra and Transformed
Calculus syllabus (R18)

S. Ramalingam
(Dr. Ramasamy Subramanyam)

for

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Linear Algebra, Complex Variables and Ordinary Differential Equations

Resolutions: Resolve to approve the I B-Tech II sem course structure and syllabus of Linear Algebra, Complex Variables and ordinary Differential Equations for ECE

The suggestions of BOS members are given as follows

1. They instructed to remove "Evaluation of certain improper integrals using the Bromwich contour" from Unit-III
2. They instructed to remove "Bromwich contour method" from Unit-V

Signature
Akshay Mahboob
(Dr Akshay Mahboob)

Ashley

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Linear Algebra

Resolutions: Resolve to approve the I B.Tech II Semester course structure and syllabus of Linear Algebra.

Approved to follow the Linear Algebra syllabus (R18)

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(Dr. R. Saravana)

1. Dr. Shukla Vidya Prasad
BOS chairman Shukla
2. Dr. Y.V.S.S. Sanyal Raju
(BOS member) Accepted and approved online meeting & syllabus
Shukla
3. Dr. Srinivas Subipeddi
(BOS member) Accepted and approved online meeting & syllabus
Shukla
4. Dr. G. Shobhalatha
(BOS member) (Nominated by VC) Accepted but could not attend the online BOS meeting
Shukla

Faculty Members

1. Dr. K.V. Narasimha Murthy Gondal & Murthy
2. Dr. R. S. Savana Savana
3. Dr. P. Ramesh Reddy P.R. Reddy
4. Dr. A. Seelba Rao Seelba Rao
5. Dr. Dipana Jyoti Mohanty Dipana
6. Dr. Manoj Kumar Singh Manoj
7. Dr. MD Gulzar Ali Hossain Gulzar Ali
8. Dr. Akram Mahboob Akram Mahboob
9. Dr. Ramasamy Subramaniam S. Ramasamy
10. Dr. Vikash Kumar Vikash Kumar

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