

DEPARTMENT OF MATHEMATICS

1st Board of Studies Meeting in the Department of Mathematics

Mode: Through Hybrid Mode

Date and Time: 02-08-2024 and 12.00PM to 1.00PM.

Link: Join Zoom Meeting

Minutes of the 1st Board of Studies (BoS)

The Meeting of the 1st Board of Studies of Department of Mathematics, Avanthi Institute of Engineering and Technology (Autonomous), Cherukupally (Village), Near Tagarapuvalasa Bridge, Vizianagaram (Dist), Pin-531162 will be held on 02-08-2024 from 12:00 PM to 1:00 PM, Venue: Conference Hall.

Link: <https://us06web.zoom.us/j/83548628921?pwd=r1r7opWgZuihNcZcfuVa1LoghlaYtC.1>

Members Present:

Dr.A.V.Papa Rao, Assistant Professor, Department of Mathematics, Jawaharlal Nehru Technological University Gurajada-Vizianagaram (JNTU-GV).

Dr. Vasudeva Rao Allu, Professor, Dept. of Mathematics, IIT Bhubaneswar.

Dr.N.Ramakrishna, Professor, Dept. of Mathematics, Andhra University, Visakhapatnam.

Mr.Ch. Venkata Sai, Associate Software Engineer, Infinite Computer solutions, India Ltd, White field Bangalore, Roll No: 18Q71A0514

All the Department Faculty, Department of Mathematics, AIETTA (A)

Dr.G. Chinna Rao, Associate Professor & Head, Chairperson Board of Studies, AIETTA (A)

Item 1: Welcome and introduce the BoS Members.

Resolutions:

- Welcome address, introduction, and opening remarks by Chairperson, Board of Studies in the department of Mathematics, with the permission of members and also chairperson introduce the institution and department profiles.
- All the Members of BoS assured that they will give the best of their knowledge to prepare the syllabus as per the OBE & industrial requirements.

Item 1: To discuss and finalize the syllabus for the following:

- a) Linear Algebra and Calculus for I B. Tech I semester (Common for all UG programs ECE, MECH, EEE, CSE, CSE (Data Science), and CSE (AI & ML).
- b) Differential Equations and Vector Calculus for I B. Tech II semester (Common for all UG



programs ECE, MECH, EEE, CSE, CSE (Data Science), and CSE (AI & ML).

- c) Numerical Methods and Transform Techniques for II B. Tech I semester (Common for UG programs EEE and MECH)
- d) Complex Variables and Statistical Methods for II B. Tech II semester (Common for UG programs EEE and MECH)
- e) Probability & Statistics for II B. Tech II semester (Common for UG programs CSE, CSE (Data Science), and CSE (AI & ML))
- f) Mathematical and Statistical Foundations for I MCA I semester.

Members Suggestions:

- CO2 is not matched in the Linear Algebra and Calculus.
- Include Vector Identities in Vector Differentiation for Differential Equations and Vector Calculus.
- Include Parseval's identity in Fourier Transforms for Numerical Methods and transform techniques.
- Include evaluation of real integrals of the form $\int_{-\infty}^{\infty} f(x) dx, \int_0^{2\pi} f(\cos \theta, \sin \theta) d\theta$ for Complex Variables and Statistical Methods.
- Self-learning concepts needed to Probability and Statistics (UG) and Mathematical and
- Statistical Foundations (MCA).

Resolutions:

- All the above suggestions are incorporated and approved with effect from the academic year 2024-2025.

Item 2: Discuss any other academic matter

Resolutions: No other issues

Attendance Sheet

S.No	Name of the Member & Affiliation	Signature
1	Dr. V. Papa Rao Assistant Professor University of Vizianagaram, JNTU-GV	
2	Dr. Vasudeva Rao Allu Professor	Approved through mail

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU-GV, Vizianagaram)

NAAC "A+" Accredited Institute

Cherukupally (Village), Near Tagarapuvalasa Bridge, Vizianagaram (Dist), Pin-531162.

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	Department of Mathematics School of Basic Sciences Indian Institute of Technology Bhubaneswar	
3	Dr.N. Ramakrishna Professor Dept.of Mathematics Andhra University Visakhapatnam	Approved through mail.
4	Mr.Ch.Venkata Sai Associate Software Engineer Infinite Computer Solutions, India Ltd White field Bangalore Roll No:18Q71A0514	Approved through mail
5.	Dr.B.Subramanyam Associate Professor, AIET(A)	B. Subrahmanyan
6	All Internal Members	
6	Dr.G.Chinna Rao Associate Professor & Head	G. Chinna Rao

All Other Dept Members

K.T. Daniel Mohan

Chinnmayee

T. Tarakesh

D. Padmini priyadarshini

Ch Snideri

Abhi

G. Chinna Rao
Chairperson

Board of Studies (Mathematics)

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Cherukupally (V), Near Tagarapuvalasa Bridge,
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