



**R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY**  
RSM NAGAR, PUDUVOYAL – 601 206  
Department of Science and Humanities

Report on the Guest Lecture

The Department of Science and Humanities organized a special lecture on “Key Role of Mathematics in Artificial Intelligence and Data Science” on 15<sup>th</sup> June 2021 at 10.15 am for AI&DS Students virtually through Google meet.

The main focus of this guest lecture was create an awareness on Role of Mathematics in Artificial Intelligence and Data Science and its correlation with the domain.

The event started with welcome address by Mr.J.Leo Amalraj, Branch Coordinator ,AI&DS and introduction to Chief guest by Mr.Sanjay ,student AI&DS.

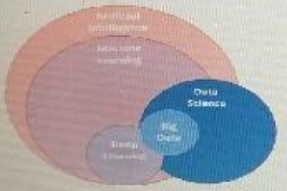
Resource speaker, Ms.S.Induroopini ,Assistant Manager, Latent view Analytics,PVT Ltd emphasized the importance of Mathematics in AI&DS and the developments of its applications with specific examples . Ms.Haritha, student AI&DS proposed vote of thanks.

The screenshot shows a Google Meet window with a presentation slide. The slide title is "How essential is Math in ML?". It features a 3D pie chart with five segments: Linear Algebra (25%), Probability Theory & Statistics (15%), Multivariate Calculus (10%), Algorithms & Complexity (30%), and Others (20%). To the right of the chart are three bullet points:

- > ML is indispensable without the knowledge of mathematics
- > ML is learning iteratively from a data & finding hidden insights to build intelligent applications
- > Math is essential to understand working of algorithms & getting good results

The Meet interface shows a grid of participants including Indhu Roopini, HARSHA VARDHAN, GANESHRAJA ZOADDI, SRINATH M ZOADDI, Madhu Amarnath, S LAKSHI KRISHNA, and others. The bottom of the screen shows the Meet control bar with icons for mute, video, chat, and other functions.

# 7C Is AI a subset of DS or vice versa?



> Data science has an intersection with artificial intelligence but is not a subset of artificial intelligence

Indhu Roopini

HARSHA VARDHAN V 20A...

88 others

You

People

Mute all Add people

HARSHA VARDHAN V 20A...

HOD 56H

Indhu Roopini

Indhu Roopini Presentation

PAKURTHI VENKATA PHA...

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