



## R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY

RSM NAGAR, PUDUVOYAL – 601 206

Department of Science and Humanities

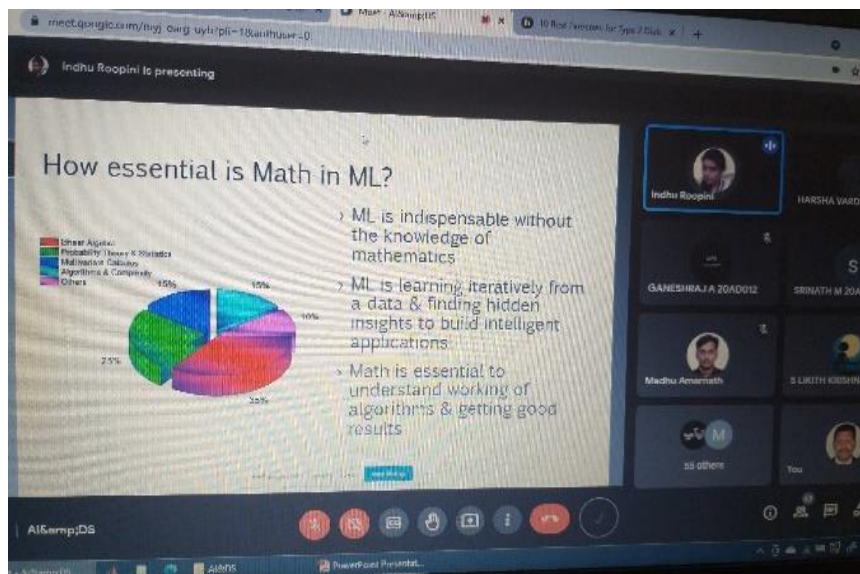
### Report on the Guest Lecture

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.



meet.google.com/myj-oarg-uyb?pli=1&authuser=0

REC Indhu Roopini is presenting

### 76 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.

- Artificial Intelligence
- Data Science
- Big Data

10:31 AM | AI&amp;DS

Indhu Roopini  
HARSHA VARDHAN V 20A...  
58 others  
You

People  
Mute all Add people  
HARSHA VARDHAN V 20A...  
HOD SGH  
Indhu Roopini  
Indhu Roopini Presentation  
INJIKURTHI VENKATA PHA...  
JASWANTH B 20AD020  
K SUNDARAM 20AD001

meet.google.com/myj-oarg-uyb?pli=1&authuser=0

REC Indhu Roopini is presenting

### Machine Learning

- Supervised Learning**
  - Classification
  - Regression
  - Linear Regression
  - Logistic Regression
  - Support Vector Machines
  - Decision Trees
  - Random Forest
  - Gradient Boosting
  - Neural Networks
- Unsupervised Learning**
  - Clustering
  - Association
  - Outlier Detection
  - Dimensionality Reduction
  - Association Rule Mining
- Reinforcement Learning**
  - Q-Learning
  - Deep Q-Networks
  - Policy Gradient
  - Actor-Critic

8:35 AM | AI&amp;DS

Indhu Roopini  
HARSHA VARDHAN V 20A...  
59 others  
You

People  
Mute all Add people  
HARSHA VARDHAN V 20A...  
HOD SGH  
Indhu Roopini  
Indhu Roopini Presentation  
INJIKURTHI VENKATA PHA...  
JASWANTH B 20AD020  
K SUNDARAM 20AD001