



# K S INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

REPORT OF TECHNICAL TALK

"DATA SCIENCE AND ITS APPLICATIONS IN FINANCIAL SECTOR"

<b>Semester:</b>	VII
<b>Event Type:</b>	Technical talk
<b>Event Name:</b>	Data Science and its applications in Financial sector
<b>Date/Duration:</b>	19-10-2023
<b>Associated Professional Bodies:</b>	Aenfinity Club
<b>No. of students:</b>	42
<b>Speaker details:</b>	Prof. Arunkumar Kannur Chief Strategy Officer, Innovation, Startups and Centre of Excellence, CMR University, Bangalore
<b>Online link/Offline:</b>	Offline

## Event Objectives:

- To provide students an insight into fundamentals of Data Science in finance
- To encourage students with an opportunity to build a career in Data science pertaining to financial sector

## Event description with pictures:

The event began with the speaker Prof. Arunkumar Kannur, Chief Strategy Officer, Innovation, Startups and Centre of Excellence, CMR University being welcomed by HoD of Artificial Intelligence and Machine Learning, Dr. Vijayalaxmi Mekali.

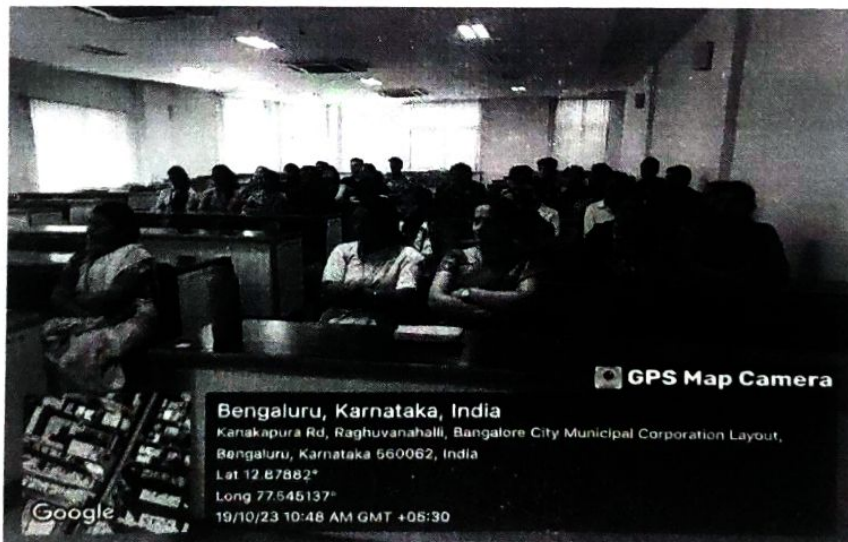
The speaker Prof. Arunkumar Kannur, started the session by asking a critical thinking question on "What is Data Science?" where participants were encouraged to come up with their own understanding. The speaker later elaborated on the rise in demand for financial data scientists in the upcoming years. A case study on Fintech tool was explored to understand different operations to be performed to understand financial datasets.

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The last part of the session involved in understanding the skillsets required to become a successful data scientist in financial domain. The speaker also highlighted on how the current market has immense demand for data scientists and machine learning engineers. The speaker concluded the session by giving a glimpse of how current technologies like Artificial intelligence, Machine learning, Block chain technology and IoT domains will become a part of financial sector, healthcare and agricultural sector in the upcoming years. The students were encouraged to build and expertise their careers in one of these domains.



**Figure 3: The speaker addressing the doubts of students**



**Figure 4: The students participating in the technical talk**

The technical talk "Data Science and Its Applications in Financial Sector" was a brainstorming session where students gained knowledge on data science fundamentals and Fintech technology and were encouraged to build their careers in these fields by adding a touch of innovation and novelty which could impact the society in a positive approach.

EO#	EVENT OUTCOMES
EO1	Understanding the fundamentals of data science concepts
EO2	Understanding the working of Fintech technology in managing financial datasets
EO3	Utilizing the concepts of data science in building a career and research activities

### EO-PO Mapping


EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO2	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO3	2	2	2	-	-	2	2	-	2	-	-	2	1	1

3	Substantial (High) Correlation
2	Moderate (Medium) Correlation
1	Slight (Low) Correlation
-	No Correlation

PO's attained: PO1, PO2, PO3, PO6, PO7, PO9, PO12

PSO's attained: PSO1, PSO2

  
Event Coordinator

  
HoD 30/10/2023

  
Principal  
PRINCIPAL  
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