



Vishnu Waman Thakur Charitable Trust's  
**VIVA Institute of Technology**

Approved by AICTE, New Delhi, DTE, Government of Maharashtra  
And Affiliated to University of Mumbai

## Department of Computer Science Engineering (AI &ML)

<b>Topic Name:</b>	<b>Statistics for AI</b>
<b>Name of the Guest Speaker:</b>	<b>Prof. Pradnya Mhatre</b>
<b>Designation:</b>	<b>MCA Department</b>
<b>Organization/Institution:</b>	<b>VIVA Institute of technology, Virar</b>
<b>Date:</b>	<b>18<sup>th</sup> SEPT 2024</b>
<b>Time:</b>	<b>11.00 am to 1.00pm</b>

### Programme Summary/Details:

The department of CSE(AI&ML) Engineering of VIVA institute of technology organised guest lecture on **Statistics for AI by Prof. Pradnya Mhatre**. Statistics is a cornerstone of artificial intelligence (AI), providing the theoretical and practical foundation for analysing, interpreting, and predicting patterns in data. It plays a critical role in the development, evaluation, and application of AI systems, enabling data-driven decision-making and enhancing the reliability of AI models. In AI model development, statistical methods underpin algorithms such as regression, random forests, and Bayesian networks. These methods provide a framework for understanding relationships between variables, enabling both descriptive and predictive modelling. **Prof. Pradnya Mhatre** explained basics of statistics followed by Hypothesis, Statistical test, ANNOVA, Kruskal Wallis Test. Linear Regression. In all the session was very fruitful to our students in terms of knowledge as well as curriculum.

Course Coordinator: Prof. Karishma Raut

### Photos:





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