



MVJ COLLEGE OF
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Guest lecture on “Data Analytics-Power BI, MS excel with VBA, Tableau”

Date of the Event	13.04.2023
Title of the Event	Guest lecture on “Data Analytics-Power BI, MS excel with VBA, Tableau”
Organized by	Department of Computer Science and Engineering, Department of AI&ML MVJCE, Bangalore
Name of the Resource Speaker	Satprem Rath , RDALab LLC, Tech lead, Datascientist
Day of the Event	Thursday

A Guest lecture on ‘**Data Analytics-Power BI, MS excel with VBA, Tableau**’ was organized by the CSE & CSD Department on 13th April 2023, from 10:30 am to 01:00 pm. Mr.Satprem Rath , RDALab LLC, Tech lead, Datascientist was the guest speaker. The Welcome note was given by Deepak Jain of III year, CSE, MVJCE. The program was presided over by Dr M.B Sudhan in the absence of Principal Dr. P Mahabaleswarappa and Vice principal Dr M. Brindha.

The Event was organized for III-year CSE and AIML students. The event aimed to get the awareness on **Data Analytics** and its methods and tools in software development. The purpose of the guest lecture was to expose the students to the various aspects related to the data analytics that are being used in industries, today.

On his introductory remarks, Mr. Satprem Rath explained the application of Data science . He pointed out the various methods to analyze the data in era of Big Data. He clarified regarding the entire process of gathering actionable insights from raw data.

Data analytics is the science of analyzing raw data to make conclusions about that information. Many of the techniques and processes of data analytics have been automated into mechanical processes and algorithms that work over raw data for human consumption.

Data analytics is the science of analyzing raw data to make conclusions about that information. Data analytics help a business optimize its performance, perform more efficiently, maximize profit, or make more strategically-guided decisions. The techniques and processes of data analytics have been automated into mechanical processes and algorithms that work over raw data for human consumption. Various approaches to data analytics include looking at what happened (descriptive analytics), why something happened (diagnostic analytics), what is going to happen (predictive analytics), or what should be done next (prescriptive analytics). Data analytics relies on a variety of software tools ranging from spreadsheets, data visualization, and reporting tools, data mining programs, or open-source languages for the greatest data manipulation.



Mr.Satprem Rath , Engaging the session

The students who wanted to become data scientist were the major focus of the suggested

guest lecture . It included a succinct introduction to the machine learning and deep learning techniques , tools used in analytic as well as visualization of the result . It also covered the fundamentals of the chat gpt based application followed by application areas of data analysis, which will give the students a thorough understanding of the data analysis process .



CSE,AIML,MBA,ETC Students participated in the event

Outcome of the Event

Participants from III CSE & AIML , MBA dept got knowledge about a variety of software tools ranging from spreadsheets , data visualization and reporting tools , data mining programs , open source language like Python, R for the greatest data manipulation. In the guest lecture session, the participants got a overview on how those tool works , which will be beneficial for them in near future

Over ally, it was a very informative session.