

Chapter/Student Branch Name: CMR Technical Campus

Region: V

Event Date: 02-08-2018

Event Title: **Guest Lecture** on **“Data Science with Machine Learning”**

Speakers:

Mr. Vinayak Jagtap, JRF, CMR Technical Campus, Hyderabad

Gist of the Event:

Speaker delivered Concepts on **“Data Science with Machine Learning”** and covered following Topics:

- data visualization
- data integration
- dashboards and BI
- distributed architecture
- automated, data-driven decisions
- automating machine learning
- deployment in production mode
- data engineering
- Conduct undirected research and frame open-ended industry questions
- Extract huge volumes of data from multiple internal and external sources
- Employ sophisticated analytics programs, machine learning and statistical methods to prepare data for use in predictive and prescriptive modeling
- Thoroughly clean and prune data to discard irrelevant information
- Explore and examine data from a variety of angles to determine hidden weaknesses, trends and/or opportunities
- Form data-driven solutions to the most pressing challenges
- Invent new algorithms to solve problems and build new tools to automate work
- Communicate predictions and findings to management and IT departments through effective data visualizations and reports
- Recommend cost-effective changes to existing procedures and strategies
- Carrying out machine learning experiments using a programming language and machine learning libraries.
- Implementing machine learning solutions into production.
- Enhancing solutions for scalability and performance.
- Making sure there is a great data flow between backend systems and database
- Deploying custom ML code.
- Analyzing data and producing use cases.



Guest delivering the lecture to Students