



# NEW HORIZON COLLEGE OF ENGINEERING

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

## **REPORT ON WORKSHOP ON DATA SCIENCE AND MACHINE LEARNING HANDS-ON USING R PROGRAMMING**

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**Speaker: Mr. Vinay M. Haritsa**

**Date: 19<sup>th</sup> March 2019**

**Venue: CSE LAB 3**

**Audience: 6<sup>th</sup> Semester Students**

### **Gist of the Event:**

Data Science and Machine Learning using R workshop was conducted on 19<sup>th</sup> March, 2019 by Mr. Vinay, a speaker, corporate trainer and a very well knowledge resource person in the field of Data Science and Machine Learning. The venue was CSE department Lab 3. The workshop was conducted from 9.30 am in the morning to 4.30 pm in the evening. The speaker began the workshop by throwing light on the general technological trends and the emergence of machine learning and data science as one of the fastest growing technologies of this time and their need in the current growth rate of data production. The students were also briefed about the general concepts of big data, data mining and machine learning and their types. They were also given valuable insights in the career opportunities available in this field.

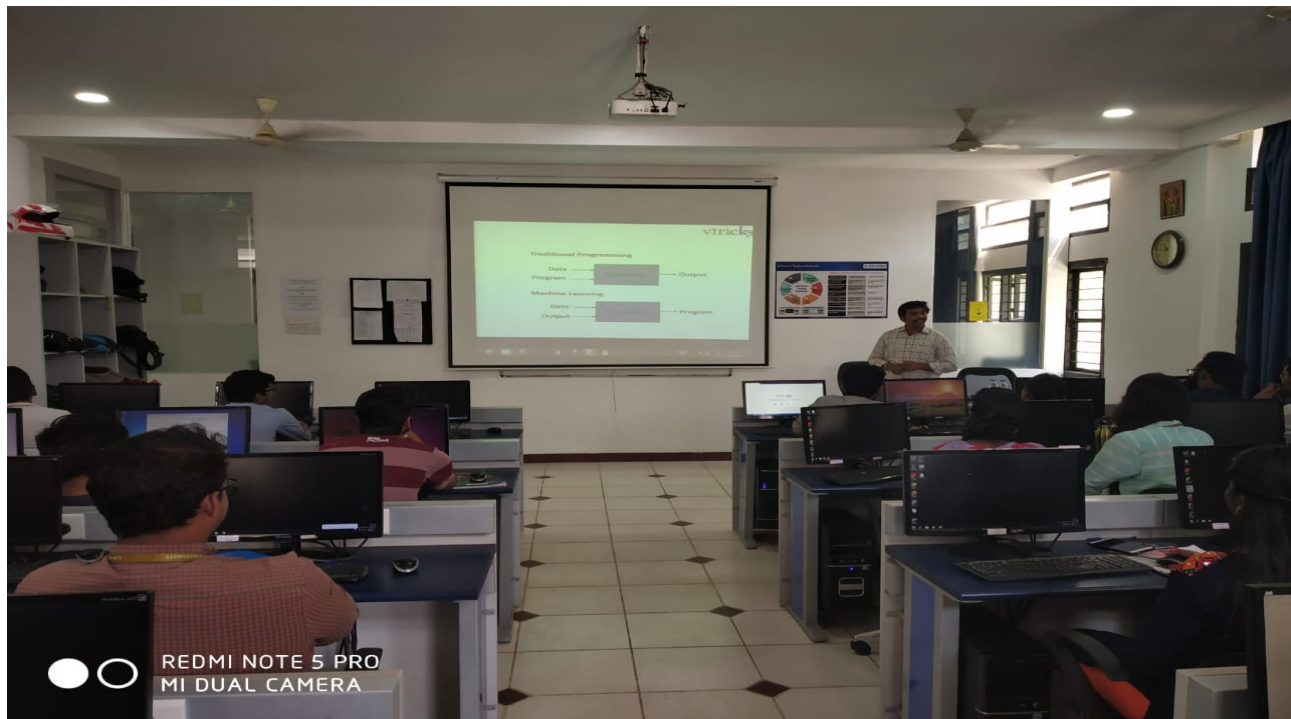
Following this, a brief introduction and hands on training in programming using R was given where they learnt the central and main concepts required for conducting analytics using R programming language. Post lunch was followed with hands-on machine learning and data analytics using a simple example of Iris dataset using R language. They were also given brief introduction about the various algorithms used for machine learning and data analytics.

The speaker also gave valuable insights on interview questions both technical and aptitude. Overall the workshop was very informative and useful where the students gained a brief introduction to kick start their journey in machine learning and data science.

### Glimpses of the event:



Dr. B. Rajalakshmi, Professor and Head of the Department welcoming the speaker of the day Mr. Vinay M Haritsa, Data Science Engineer, Vtricks Technology, Bangalore with a sapling



Mr. Vinay M Haritsa sharing his knowledge in Data Science and Machine Learning with our students



Mr. Vinay M Haritsa sharing his knowledge in Data Science and Machine Learning with our students



Students experiencing hands-on in Machine Learning using R – Programming