

AADHRITA 2020

MVGR COLLEGE OF ENGINEERING (A)

DATA SCIENCE

Information is the oil of the 21st century and analytics is the combustion engine.

EVENT DESCRIPTION:

The art of uncovering the insights and trends in data has been around since ancient times. It is a blend of various tools, algorithms and machine learning principles with the goal to discover hidden patterns from the raw data.

Machine learning is the science of getting computers to act without being explicitly programmed.

This workshop intends to provide an overview about Machine learning and basic implementation to all the data science aspirants. This is a beginner level workshop which gives an idea from the basic level to an intermediate level for the participants.

RULES FOR THE EVENT:

- Participants who attend the workshop should bring their valid id card of their respective educational institution.
- Participants should register individually for the workshop.
- Participants should be present in all sessions. Failing in this, no certificate will be awarded to the participant given by IEEE.
- Participants can bring their laptops/Pc's to the workshop.

REGISTRATION FEE: Rs 300/-

CONTACT DETAILS:

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RESOURCE PERSON/SPEAKER:

- 1.Sahithi Kolli,Associate Software Engineer at CtrlS Datacenters Ltd.
- 2.Sethu Pavan,Decision Scientist at Mu Sigma Inc.

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CONTENTS FOR THE WORKSHOP:

DAY-1

- Introduction to data science
- What is AI and what is ML?
- Introduction to Data Mining
- Basics of Python Programming and why it is used in Machine Learning?
- Basics of Pandas
- Basics of Numpy
- How to get insights from data
- Introduction to different types of Machine Learning

DAY-2

- Work flow of ML
- What is data Engineering?
- Introduction and examples of all types of machine learning
- Supervised learning
- Unsupervised Learning
- Reinforcement Learning
- Deep Learning
- CNN and KNN with examples
- What is market based analysis?

***This workshop also gives an pre-requisite for Artificial Intelligence Tool which is another workshop conducted in the fest.