

SIES Graduate School of Technology

5 days Hands on Training

on

Machine Learning with ‘R’

under

Center of Excellence in Data Science and Deep learning

Dec 17-21, 2018

(9.30 AM to 4.30 PM)

By the end of this course, students will be able to identify the difference between a supervised (classification) and unsupervised (clustering) technique, identify which technique they need to apply for a particular dataset and need, engineer features to meet that need, and write ‘R’ code to carry out an analysis.

- Understand components of a machine learning algorithm.
- Develop a basic understanding of the principles of machine learning and derive practical solutions using predictive analytics.
- Use data patterns to make decisions and predictions with real-world examples

Module 1: What is Machine Learning?

Module 2: Performance measures

Module 3: Classification, Regression – Linear and logistics

Module 4: Clustering

Module 5: Prediction, Support Vector Machines

Mini Project Implementation*

Resource Persons:

1. Prof. Pranita Mahajan
2. Prof. Varsha Mali
3. Prof. Bushra Shaikh
4. Prof. Amit Pandhare
5. Prof. Varsha Patil

1. **Prerequisite:** Basic “R Language” and Basic Statistics
2. Students from SE/TE/ BE (All Branches) –First Come First Serve(20 seats)

Course Fees: 500/- Rs per person

(*Certificates will be provided only after successful completion of project)

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