Report on "Machine Learning with Python" Workshop

Python is easy to use, powerful, and versatile, making it a great choice for beginners and experts alike. This workshop aimed at giving students the basic knowledge of developing Python programs for simple problems. The students had a hands-on experience working on the different aspects of Python programming.

The Department of Computer Science organized a two day State level workshop on "Machine Learning with Python" on 4th and 5th February 2019 for students from various colleges. The resource person Dr. Regina L Suganthi from Mount Carmel College helped students with her kind and inspiring advice to understand the subject and its semantic significance. The students were given hands on training and were exposed to python programming.

The Workshop started with an inauguration ceremony. Our Vice Principal, Dr. Charmaine Jerome and Dean of Sciences, Ms Vimala attended the ceremony and shared their kind words of advice with the students. The following topics were covered during the workshop.

Topics covered on Day 1:

- Why Python? Features, Installation, Syntax, Examples, File in Python
- List & Loops, Functions, Decisions
- Machine Learning Algorithms

Topics covered on Day 2:

- Dictionaries
- Modules, Classes & Objects
- Neural Networks- Core of Machine Learning Applications
- Machine Learning with Python

The valedictory was then held and certificates were distributed to students.