P.E. Society's
Modern College of Arts, Science and Commerce Ganeshkhind Pune

Academic Year 2022-23

DEPARTMENT OF BCA (Science)

REPORT OF: Python Programming for Data Science and Machine Learning

*Rationale/Need:

1. A student tends to be more interested in participating in class when there is a topic he or she would like to know more about.

2. Guest speakers also had an impact on staff as well as students, in the most beneficial way Possible and improved their knowledge

3. Industrial perspective is added to give better exposure to industrial challenges.

*Objectives:

1. It facilitates student learning and provides information and skills beyond the curriculum.

2. It helps in enhancement of the students' educational experience

3. It offers a new perspective and variety in the curriculum, that in turn brings a better learning experience to the students

*Nature of activity: Workshop

*Details of activity:

Date or Dates: 11 Feb 2023 to 20 May 2023 on every Saturday
Duration: 45 hours Timing: 2:00 pm To 5.00 pm

*Names of guests:

1. Mr. Saurabh Shaligram, Pune.

*Number of beneficiaries

Students: Male-22 Female- 05   Total-27
Teachers: Male- 1   Female- 2   Total- 3

*Outcomes that have fulfilled your objectives: On completion of the course, student will be able

      1. To use fundamental programming concepts.

      2. To implement Machine Learning Algorithms.

      3. To use NumPy for Numerical Data.

      4. To use Pandas for Data Analysis.

      5. To use Matplotlib for Python Plotting.

      6. To use Seaborn for statistical plots.

Name &Signature of the Coordinator   **Principal**