



**Sandip Foundation's
Sandip Institute of Engineering and Management, Nashik
Department of Computer Engineering
Academic Year 2022-23 Sem - I**

**Report on Value Added Program (VAP) on Machine Learning
using Python**

- 1. Event Title: Value Added Program (VAP) on ML using Python**
- 2. Event Date:** 16-08-2022 to 20-08-2022 (10:00am to 5:00pm)
- 3. Event Conduction Duration:** 5 days (6hrs/day)
- 4. Event Venue:** FPL lab 2
- 5. Event Resource Person Details:** Prof. Ashish G Nandre, Prof. K C Nalavade
- 6. Name of Event Coordinator:** Prof. Ashish G Nandre
- 7. Expected Audience:** Final year students of sandip foundation Computer branch
- 8. Number of Participants:** 4
- 9. Course Content:** Different machine learning algorithms (KNN,SVM, Decision tree, Naive bayes)

Event Objectives & Outcomes:

10. Objectives:

- Keeping the need of machine learning engineers, data scientist the following course is designed.
- Lab practice sessions will provide the students, necessary hands-on practice of ML with python language.
- This course will definitely help students to accomplish their project work, syllabus contents related to Machine Learning.
- This course will be conducted for final year students; it will help to improve their cv.

Outcomes:

- Students will be able to distinguish the different ML algorithms.
- Students will be able to understand the training-testing set generation.
- Students will be able to differentiate between supervised and unsupervised algorithms.
- Students will be able to clean the data, preprocess the data.
- Students will be able to understand the ensemble methods.

11. Photos:



