***Practical 05***

**Aim** : Implementation of unsupervised learning algorithm.

**Code:**

# Importing Modules from sklearn import datasets import matplotlib.pyplot as plt

# Loading dataset iris\_df = datasets.load\_iris()

# Available methods on dataset

print(dir(iris\_df))

# Features print(iris\_df.feature\_names)

# Targets print(iris\_df.target)

# Target Names print(iris\_df.target\_names)

label = {0: 'red', 1: 'blue', 2: 'green'}

# Dataset Slicing x\_axis = iris\_df.data[:, 0] # Sepal Length y\_axis = iris\_df.data[:, 2] # Sepal Width

# Plotting plt.scatter(x\_axis, y\_axis, c=iris\_df.target) plt.xlabel('Sepal Length') plt.ylabel('Sepal Width')

plt.show()

