## ML Lab (CS360)

## Assignment 7

Total Marks: 10

- 1. Cluster the IRIS dataset using k-means algorithms. (5+5=10)
  - a. Write your own code and do not use the inbuilt
    functions.(5)
  - b. Choose the value of  ${\tt K}$  using the  ${\tt Elbow}$  method
  - c. Repeat the experiments for k-means using library functions and verify the earlier results.(5)