**Indian Institute of Information Technology, Allahabad**

**Data Mining Lab**

**Lab Assignment - 9**

**Submission Deadline: 10th April 2020**

Q1. Write a program to train a linear SVM using the dataset given in file data.xlsx and test it using some unseen data. (Don’t use library function of SVM)

Q2. Train an SVM for ionosphere dataset (Download using following link). Divide the dataset into training and testing sets and find accuracy of SVM.

<https://archive.ics.uci.edu/ml/datasets/ionosphere>