

## **Executing Instructions**

- 1) The code is written in Eclipse IDE and would be easier to implement using the same IDE.
- 2) The Input path and the output path of the bibtex files must be filled in manually in the files Kmeans.java and Mlkn.java.
- 3) Initially Experiment 1 must be conducted by using bibtex.arff and bibtex.xml file in the file Mlkn.java
- 4) Upon Executing Mlkn.java the initial results are obtained.
- 5) Then the Kmeans.java file must be executed by giving bibtex.arff as input.
- 6) This generates 4 files bibtex1.arff, bibtex2.arff, bibtex3.arff and bibtex4.arff.
- 7) In the output files bibtex1 and bibtex2(obtained from k means), the attributes of the arff file must be copied from the temp.txt file and to be pasted at the beginning of each of the segmented files.
- 8) Then each of the files bibtex1.arff , bibtex2.arff, bibtex3.arff and bibtex4.arff, must be given as input to the file Mlkn.java and is(Mlkn.java) executed for getting results.