**Abstract**

Indian economy is depending on agriculture. Data mining is an important tool for extracting hidden information from large and varied data. The techniques of data mining are extremely popular in the area of agriculture. Data Mining Techniques such as K-Means, K-Nearest Neighbor (KNN), Artificial Neural Networks (ANN) and Support Vector Machines (SVM), Bi-clustering, Naïve Bayes Classifier*,* J48, JRip are very recent applications of Data Mining techniques in agriculture field. In this paper focus on Data mining techniques used to compare and analyze the soil data.