**Data Mining Data Warehousing**

**B. Tech IV**

**Tutorial List - 2016**

1. Study of Missing value replacement techniques: Activity
   1. Prepare the dataset with different missing value replacement techniques (Mean, min, max, mode, median, Incremental mean)and test them for classification accuracy using WEKA tool
   2. Prepare the comparison table and analyze results to study the effect of the missing value replacement technique depending on the data quality.
2. List Features, advantage and disadvantage of Multi level Association Rule mining algorithm compared to Apriori algorithm.
3. Study one application with Association rule mining algorithm used as preprocessing tool for dimension reduction or feature selection.
4. Study one Application for Distributed Apriori algorithm and write the distributed Apriori algorithm with hash based storage structure
5. Survey different sampling techniques for DM and prepare comparison table for each of them (Main features, Advantages, Disadvantages, Applications, List of methods)