

# Vidya Jyothi Institute of Technology

## Department of CSE

### AY: 2019-20

**Innovative Technique implemented:** Role Play

**Subject:** Big Data

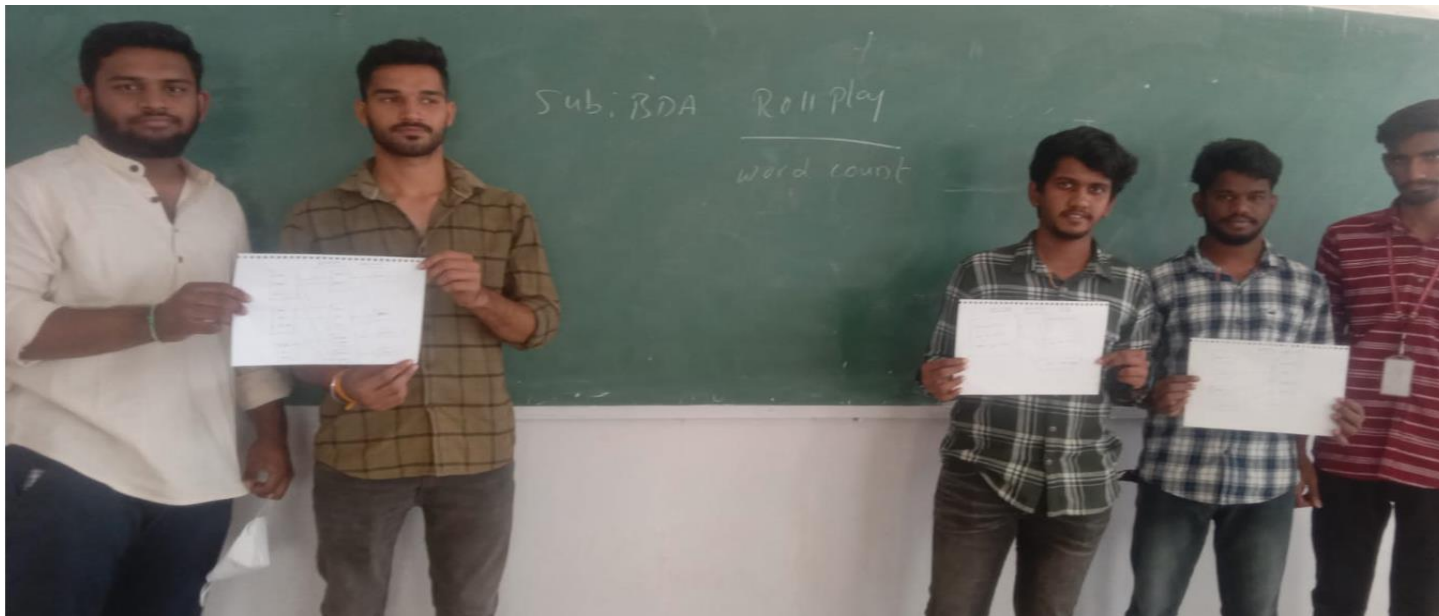
**Name of the Faculty:** Y.Prabhu Kumar

**Topic:** MAP REDUCE

**Students:** IV B.Tech I-Sem CSE-A

**Implementation:**

- Divided the scenario into 2 categories – Mappers,Reducers
  - Students played role of Mapper holding {Deer,Bear,River},{Car,Car,Revier},{Deer,Car,Bear}
  - Reducer holding {Deer:2,River:2,Car:3,Bear:2}
- Implemented Map Reduce Using Split,Mapping,Shuffling,Sorting.
- The above query forms nested query i.e., a query within a query
- In the user perspective based on query data can be accessed from the respective tables by identifying referential integrity constraints.



**Outcome:**

Students are able to deal with real-world scenarios. They are encouraged to think more critically about controversial subjects.

**Course Instructor**  
**(Y.Prabhu Kumar)**

**CSE-HOD**