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, Beer, River\}, \{Car, Car, River\}, \{Deer, Car, Beer\}
  - 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