**RVR & JC College of Engineering**

**Department of Computer Science & Engineering**

**Professional Elective – I Information Retrieval**

**Programs List**

1. Build Term-Document incidence matrix and process boolean queries
2. Build inverted index and process boolean queries
3. Build positional index and process phrase queries
4. Build bi-gram index and process wildcard queries
5. Implement skip pointers
6. Correct spellings in the query using edit distance
7. Implement BSBI algorithm
8. Implement SPIMI algorithm
9. Implement vector space model with various functions.
10. Implement Naïve Bayes classification algorithm
11. Implement KNN classification algorithm
12. Implement K-Means algorithm
13. Dynamic Indexing