



**VIVEKANANDA INSTITUTE OF PROFESSIONAL STUDIES - TECHNICAL CAMPUS**

**Grade A++ Accredited Institution by NAAC**

NBA Accredited for MCA Programme; Recognized under Section 2(f) by UGC;  
Affiliated to GGSIP University, Delhi; Recognized by Bar Council of India and AICTE  
An ISO 9001:2015 Certified Institution

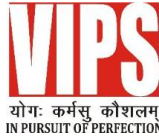
**SCHOOL OF ENGINEERING & TECHNOLOGY**

**BTECH Programme**

**Course Title: DATA WAREHOUSING AND DATA MINING  
LAB**

**Course Code: CIE-425P**

**Submitted By -  
Name: RAVISHA ARORA  
Enrollment No: 05117702722**



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**SCHOOL OF ENGINEERING & TECHNOLOGY**

## **VISION OF INSTITUTE**

To be an educational institute that empowers the field of engineering to build a sustainable future by providing quality education with innovative practices that supports people, planet and profit.

## **MISSION OF INSTITUTE**

To groom the future engineers by providing value-based education and awakening students' curiosity, nurturing creativity and building capabilities to enable them to make significant contributions to the world.



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## INDEX

S.No	Experiment	Date	Marks			Remark	Updated Marks (If any)	Faculty Sign
			Laboratory Assessment (15 Marks)	Class Participation (5 Marks)	Viva (5Mark)			
1	Study of ETL process and its tools.							
2	Program of Data warehouse cleansing to input names from users (inconsistent) and format them.							
3	Program of Data warehouse cleansing to remove redundancy in data.							
4	Introduction to WEKA tool.							
5	Implementation of Classification technique on ARFF files using WEKA.							
6	Implementation of Clustering technique on ARFF files using WEKA.							



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7	Implementation of Association Rule technique on ARFF files using WEKA.							
8	Implementation of Visualization technique on ARFF files using WEKA.							
9	Perform Data Similarity Measure (Euclidean, Manhattan Distance).							
10	Perform Apriori algorithm to mine frequent item-sets.							
11	Develop different clustering algorithms like K-Means, KMedoids Algorithm, Partitioning Algorithm and Hierarchical							
12	Apply Validity Measures to evaluate the quality of Data							