

VES Institute of Technology

Department of Computer Engineering

Subject : Data Structures

Academic Year 2021 - 22

Assignment - II

Date of Preparation : **15th NOV 2021**

Date of Submission : **25th NOV 2021**

No	Questions	Lab Outcome
1	Create AVL Tree for the following data and show all the steps with rotations: CAR, BAG, ANT, BAT, CAT, ART, APT. Note: Use Alphabetic Order	1, 2
2	Enlist and Explain Any 2 Collision Resolution Techniques with Example.	1, 2
3	Explain AVL tree along with all the Rotations and proper examples.	1, 2
4	Explain huffman Encoding for the word "CONSTANTINOPLE"	1, 2
5	Explain B + Tree with example	1, 2
6.	Explain Hashing. Its methods with examples.	1, 2
7.	Compare Linear and Binary Search.	1, 2
8.	Write a program for Tree Traversal.	1, 2
9.	Difference between DFS & BFS	1,2