

M. H. SABOO SIDDIK COLLEGE OF ENGINEERING

8, Saboo Siddik Polytechnic Road, Byculla, Mumbai, Maharashtra 400008

DEPARTMENT OF INFORMATION TECHNOLOGY

Name:

Roll No.:

Course Name: **Data Structure Lab**

Course Code: **ITL301**

Class: **SE IT / SEM – III / REV 19 C**

List of Experiments and Assessment Sheet

Exp. No.	Title of the Experiment	Date of Performance	Date of Submission	Assessment Marks (15)	Signature
1.	Implementation of Array using C.				
2.	Implementation of stack and queue using array.				
3.	Implementation of singly linked list and perform insertion, deletion and reverse operation.				
4.	Implementation of linear and binary search				
5.	Implementation of sorting algorithm				
6.	Implementation of Binary search tree and perform insertion and deletion operation.				
7.	Implementation of AVL tree.				
8.	Implementation of addition and deletion of edges in a directed graph using adjacency matrix.				
9.	Implementation of Infix to postfix conversion and evaluation of expression.				
10.	Implementation of hashing function with different collision resolution technique.				

List of Assignment and Assessment Sheet

Sr. No.	Name of an Assignment	Date of Submission	Assessment Marks (5)	Signature
1.	Assignment 01			
2.	Assignment 02			

Date of Submission:

Name of the Subject In charge: Er. Vikas Baloda

Signature of Subject In charge