

**BACHELOR OF TECHNOLOGY**  
**COMPUTER SCIENCE**



**LAB FILE**  
**{DATA STRUCTURE LAB}**  
**SUBJECT CODE: BCS351**

**SUBMITTED TO :**

**MR. NARENDRA KUMAR  
RAJPUT**

**SUBMITTED BY:**

**KRISHNA KUMAR YADAV**  
**Roll No - 2201650100079**  
**Semester - 3**  
**Section - B**

# **INDEX**

<b><u>S.NO</u></b>	<b><u>NAME OF EXPERIMENT</u></b>	<b><u>DATE</u></b>	<b><u>SIGNATURE</u></b>
1.	To implement Bubble sort		
2.	To implement Selection sort		
3.	To implement Insertion sort		
4.	To implement Quick sort		
5.	To implement Merge sort		
6.	To implement Heap sort		
7.	To implement linear search		
8.	To implement binary search(iteration)		
9.	To implement binary search(recursion)		
10.	To implement array		
11.	To implement stack using array		
12.	To implement stack using linked list		
13.	To implement queue using stack		
14.	To implement queue using linked list		
15.	To implement circular linked list		
16.	To implement doubly linked list		
17.	To implement singular linked list		