

**Institute of Computer Technology**  
**B. Tech. Computer Science and Engineering**  
**Sub: DS (2CSE302)**

**Practical -20**

**Objective:** Implement bubble sort and insertion sort.

1. Swati is working on different sorting methods to sort the data. She wants to prepare sorting calculator which provides the facilities to sort all kind of sorting methods for same data. Kindly refer given scenario for calculator and implement it in C:

How many number you want to sort:

8

Enter the Elements for Sorting:

34

22

56

13

89

5

67

45

List of sorting methods:

1. Bubble Sort
2. Insertion Sort
3. Exit

Which choice do you want apply?

1

Pass-1: 22 34 13 56 5 67 45 89

Pass-2: 22 13 34 5 56 45 67 89

Pass-3: 13 22 5 34 45 56 67 89

Pass-4: 13 5 22 34 45 56 67 89

Pass-5: 5 13 22 34 45 56 67 89

Pass-6: 5 13 22 34 45 56 67 89

Pass-7: 5 13 22 34 45 56 67 89