

**Indian Institute of Engineering Science & Technology,
Shibpur**

Department of Computer Science & Technology.

8th Semester Artificial Intelligence Laboratory.

ASSIGNMENT- 4

(Sorting in Prolog)

Duration- 3 periods.

Full Marks (including Viva Voce)-10

Implement the following sorting in Prolog.

1. Bubble Sort.
2. Selection Sort.
3. Permutation Sort.
4. Insertion Sort.
5. Merge Sort.
6. Quick Sort using Accumulator.
7. Quick Sort without using Accumulator.
8. Heap Sort.