**Sub: DSA**

**Sem- II**

**Date of Submission: 21st March 2020.**

**Assignment -1**

1. **Explain Sequential search. List its application.**
2. **Give the algorithm and explain with an example insertion Sort.**
3. **Give the algorithm and explain with an example Selection Sort**
4. **Give the algorithm and explain with an example Shell Sort**
5. **Give the algorithm and explain with an example Merge Sort**
6. **Give the algorithm and explain with an example Quick Sort**
7. **Give the algorithm and explain with an example Heap Sort**
8. **What is Hashing? Explain the need of hashing.**