

KDK COLLEGE OF ENGINEERING

Department of Computer Science & Engineering

FIFTH SEMESTER B. E.

BECSE305P : DESIGN & ANALYSIS OF ALGORITHM LAB

List of Experiments

- 1. Write a program to implement binary search using divide and conquer strategy.**
- 2. Write a program to implement quick sort.**
- 3. Write a program to implement Merge sort.**
- 4. Write a program to implement Huffman's algorithm by Greedy approach.**
- 5. Write a program to implement knapsack algorithm by Greedy approach.**
- 6. Write a program to implement Kruskal's algorithm to find minimal spanning tree.**
- 7. Write a program to solve job sequencing problem with Deadline.**
- 8. Write a program to solve travelling salesman problem using dynamic programming.**
- 9. Write a program to find LCS of given substrings.**
- 10. Write a program to implement n-queen problem using Backtracking.**
- 11. Write a program to find optimal binary search tree.**
- 12. Write a program to solve sum of subset problem.**