

**G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
AUTONOMOUS (FOR WOMEN)**

Department of Computer Science and Engineering

Methodology: VIRTUAL LABS

Subject : DATA STRUCTURES

Class/Sem : II B. Tech I Sem

Academic Year: 2021-2022

Name of the Faculty: Dr. A. Sharada


Mrs. P. Sunitha Devi

Mrs. Y. Sravani Devi

Mrs. K. Gnana Prasuna

Link to access Virtual Labs: <https://ds1-iiith.vlabs.ac.in/List%20of%20experiments.html>

<https://ds2-iiith.vlabs.ac.in/List%20of%20experiments.html>



Quick Sort Experiment

Instructions

7	6	10	5	9	2	1	15	7
0	1	2	3	4	5	6	7	8

Legend:

- Left Pointer
- Right Pointer
- Merge of Pointers
- Selected Pivot Element
- Swapping

Observations

Setup

Reset

Next

**G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
AUTONOMOUS (FOR WOMEN)**

Department of Computer Science and Engineering

Methodology: Real-Time Case Study

Faculty Name: Mrs. Ch. Mandakini, Mrs. D. Naga Swetha

Subject : Software Engineering

Class/Sem: III B. Tech I Sem

Academic Year: 2020-2021

Case study

Software Requirements Specification for Library Management System