



K .S SCHOOL OF ENGINEERING AND MANAGEMENT

Mallasandra, off Kanakapura Road, Near Holiday Village, Bengaluru-560109

Phone: 08028425012/013 website: www.KSSEM.edu.in

DEPARTMENT OF COMPUTER SCIENCES & ENGINEERING

❖ **Name of the Lab:**

- Data Structures Laboratory , Design And Analysis of Algorithm Laboratory

❖ **Location:**

- A 402 IV Floor

❖ **Description:**

- This lab has a **total area of 89.5 sq ft**. It is utilized by 3rd semester students for leaning concepts of data structure and programming during the Odd semester of the academic calendar. During Even semester the lab is used by 4th semester students to understand design and analysis of different algorithms

❖ **Ambiance:**

- This lab has projector for aid of presentations and program logic explanations. It is provided with uninterrupted power supply with aid of UPS capacity of 25KVA. White/black board, Notice boards, Instruction Boards (Do's and Dont's), Experiment charts, Lab programs lists, Lab Layouts, Vision and Mission board are displayed in laboratory. Laboratory manuals are maintained for reference. The lab also contains Shoe Racks and Bag Racks for student convenience.

❖ **Safety:**

- General Rules of Conduct in Laboratories are displayed. Electrical maintenance such as electrical ports, switches, network cables, lights and fans are serviced. Any failure in components is timely serviced. Safety aids available in the laboratory are
 - Firewall
 - Fire Extinguisher

❖ **No. of Systems and Their Specification:**

- Systems: 30

- Make : Lenovo Think Centre
- Processor : Intel Core i5-2400 - 2nd Generation 3.10/2.8 GHz Processor
- RAM : DDR3 - 4 GB
- Hard Disk : 320GB_HDD_7200 RPM
- Monitor : Think Vision Lenovo 17" TFT square Lenovo Monitor
- Key Board : Lenovo USB Wired Keyboard
- Mouse : Lenovo USB Optical Mouse

❖ **Software Used:**

- Linux Command Prompt - GCC Compiler, Eclipse IDE Java Developer

❖ **OS Version:**

- UBUNTU 20.4 64 Bit

❖ **Faculty In-charge:**

- Mrs. K V Shalini

❖ **Non- Teaching Staff In-Charge:**

- Mrs. Suma