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:**

➢ Research and Development Lab

❖ **Location:**

➢ 509 Fifth Floor

❖ **Description:**

➢ This lab has a **total area of 45.9 sq ft.** It is utilized by Ph. D Holders

❖ **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 25 KVA. Vision and Mission board are displayed in laboratory. 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:**

S. No.	Item	Description	Quantity
1.	Computer (Total 19 systems)	Dell OptiPlex 7060 Desktop -Core i5, 8th Gen, CPU @ 2.80 Ghz 16 GB RAM, 512 GB SSD	8

		Lenovo ThinkCentre Desktop 10th Gen 2.90 Ghz Processor Intel Core i5- 10400 RAM: DDR4 - 8 GB Hard Disk: 1 TB HDD 7200 RPM	2
		HP Pro Make: Desk 400 G4 SSF Desktop, Processor: Intel Core i5 6th Gen RAM: 8GB RAM, 256 GB SSD	9
2.	Printer	HP All in One Printer 1505n	1

❖ **Software Specification in Research Laboratory:**

S. No	Software	Description
1	Oracle	It's a multi model database management system to create and manage databases.
2	MongoDB	Cross platform document-oriented database program
3	JDK	JDK is a cross-platform software development environment.
4	Anaconda	Anaconda is the distribution of Python and R programming Language for scientific computing. It is Free and Open source
5	Code Block	Is a cross-platform IDE built around Widgets, designed to be extensible and configurable

6	MATLAB	Programming Platform is used to design, Develop and analyze systems and Product.
7	Dev C++	It is full featured C and C++ IDE
8	R Studio	IT is IDE for R Programming and Data Analytics.
9	Eclipse	Comprehensive IDE platform for Developing Java projects.

❖ **Faculty In-charge:**

Dr. Siva Subramanyam Medasani

❖ **Non- Teaching Staff In-Charge:**

  ➢ Mrs. Suma S