



K. S. INSTITUTE OF TECHNOLOGY

DEPARTMENT ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Name of the Lab : Data structures/Design and Analysis of Algorithms/
Machine Learning/Project Laboratory

Location : 404 (OB-4th FLOOR)

Name of the Lab In-charge : Dr.Amulyashree.S

Name of the Instructor : Mr.Ganesh M L

Lab Details:

Sl. NO	NAME OF THE LAB	SEM	NO. OF STUDENTS PER BATCH	LAB UTILIZATION PER WEEK
1	Data structures/Design and Analysis of Algorithms/Machine Learning/Project Laboratory	Odd III, V, VII Even IV, VI, VIII	34	24 hr/week

Major Equipments in the Lab:

Sl.NO	Name	Quantity
1	DELL DESKTOP	35

Software Used:

Sl.NO	Name
1	Ubuntu 20.4
2	Anaconda 3.2
3	Java JDK 19.8
4	Java Eclipse
5	Oracle



Description: This lab has a **total area of 108 sq .m**. It is utilized by for the Odd semester they are utilized by the Students of 3rd,5th,7th Semesters students And also Even Semester Students it will be Used For 4th,6th,8th Semester For the Softwares of (Anaconda, Microsoft Office). The Lab is Supportable for the(Python Programming) For the Earlier Semesters Including the Interesting Mini Projects (Digital Image Processing and Machine Learning) are also done by making use of this lab. During 7th and 8th Semester students work on their final year project work phase I and phase II.

Ambiance: This lab has White board, Notice boards, Display boards, and Instruction Boards (Do's and Don'ts). In Time Table, calendar of events, Student batch list, Rubrics for evaluation, list of software and hardware available in lab, Laboratory programs lists, Laboratory manuals and, Laboratory Layouts. are maintained for reference. The lab also contains Shoe Racks and Bag Racks for student's convenience.

Safety: General Rules for Conduction of experiments 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.

e-Waste: is periodically handed over to “E-Parisaraa Pvt Ltd”, which is a government authorized electronic waste recycler. Safety aids available in the laboratory are

- Firewall
- First aid box
- Fire extinguisher