K. S. INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Name of the Lab : Machine Learning/ /Project Laboratory

Location : 108 (OB-1 FLOOR)

Name of the Lab In-charge : Raghavendrachar S

Name of the Instructor : V Vimala Kumari

Lab Details:

Sl.NO	NAME OF THE LAB	SEM	NO. OF STUDENTS PER BATCH	LAB UTILIZATION PER WEEK	LAB MANUAL LINK
1	Machine Learning/ Project Laboratory	VII,VIII	23	18 Hours-2018 Scheme 12 Hours- 2021 Scheme (IPCC)	https://drive.google.com/file/d/1BEtNRF07qyCSv9GeOO5xAjTJgUz08EK4/view?usp=sharing

Major Equipments in the Lab:

Sl.NO	Name	Quantity
2	DELL DESKTOP	06
3	HP PRINTER	01
4	HP PRINTER	02
5	UPS	01

Software Used:
Ubantu 20.4,Anaconda 3.2

Additional Facilities created:
Oracle

Description:

This lab has a **total area of 108 sq .m.** It is utilized by 7th semester students for Machine Learning, along with 5th semester students for DBMS Lab work during the Odd semester of the academic calendar. Interesting Mini Projects (which are part of the curriculum) are also done by making use of this lab. During Even semester the lab is used by 8th semester students to work on their final year project work phase II.

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 30KVA**.** White/black board, Notice boards, Display boards, Instruction Boards (Do's and Don'ts), Experiment charts, Lab programs lists, Lab Layouts, Vision and Mission board, PEO and PSO 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.

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