



K. S. INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Name of the Lab : Computer Networks Lab/Project Work

Location : 1st FLOOR 109 OB-A/B

Name of the Lab In-charge : Mr. Krishna Gudi

Name of the Instructor : Rekha B.N

Lab Details:

Sl.NO	NAME OF THE LAB	SEM	NO. OF STUDENTS PER BATCH	LAB UTILIZATION PER WEEK	LAB MANUAL LINK
1	Computer Networks Lab/Project Work	V,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 Laboratory:

Sl.NO	Name	Quantity
1	LENOVO	26
3	VIEW SONIC	2
4	VIEW SONIC	1
5	EPSON	1



Software used:

Ubuntu 18.4.6, Network Simulator (NS2)

Additional Facilities created

Wireshark, NetSim, MongoDB, Anaconda

Description:

This lab has a **total area of 108 sq m**. It is utilized by 5th semester students for learning computer network and programming during the Odd semester of the academic calendar. 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 mounted projector for aid of presentations and program logic explanations. It is provided with uninterrupted power supply with aid of UPS capacity of 20KVA. 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