

- **NAME OF THE LAB:**
  - COMPUTER NETWORK LABORATORY AND PROJECT WORK
- **LOCATION:**
  - 109-OB I FLOOR
- **DESCRIPTION:**
  - This lab has a **total area of 108 sq ft**. It is utilized by 5<sup>th</sup> semester students for learning computer network and programming during the Odd semester of the academic calender. During Even semester the lab is used by 8<sup>th</sup> 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 Dont's), 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 contain 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
- **No. of Systems and their specification:**
  - Lenovo Computers- 25, Processor- Core i5, Hard Disk -320GB , RAM- 4 GB
- **Software Used:**
  - NS2 (Network Simulator)
- **Additional Software available:**
  - Flex , Bison, NS2 simulator, Wireshark, NetSim and Anaconda
- **OS Version:**
  - Ubuntu 18.04.2 LTS
- **FACULTY IN-CHARGE:**

- Mr. Krishna Gudi

- **NON- TEACHING STAFF IN-CHARGE:**

- Mrs. Rekha Nagaraj