

# Department of Artificial Intelligence and Data Science

## **DATA STRUCTURE LABORATORY**

Lab location: 2<sup>nd</sup> Floor, Room No. 231 Area of the lab in carpet: 61.77sq. meter.

Objectives: The mission of the Data Structure Laboratory at AIDS department in Terna Engineering College is to provide the high standards of learning to students. The faculties are committed to enhance the understand ability of Data Structure and its programming.

Strength: Lab is equipped with highly configured system.

## **Software Available:**

- 1. Python
- 2. Turbo C and C++
- 3. Anaconda
- 4. Linux, Ubuntu, Vmware
- 5. Microsoft Office 2013
- 6. Java

### Hardware Available:

1. Intel Core i5-12500 3.00 65W, Chipset Q670, 8GB DDR4 3200 NECC RAM, 512G 2280 PCI NVME Value SSD, 19.5 inch Monitor Hp, Keyboard & Mouse→ Total Count 20.

### Courses:

- 1. Operating System Lab(SE → Semester IV)
- 2. SBL- Python Lab(SE  $\rightarrow$  Semester IV)
- 3. Mini Project(SE  $\rightarrow$  Semester IV)
- 4. Data Structure Lab (SE  $\rightarrow$  Semester III)
- 5. SBL- Core Java (SE  $\rightarrow$  Semester III)