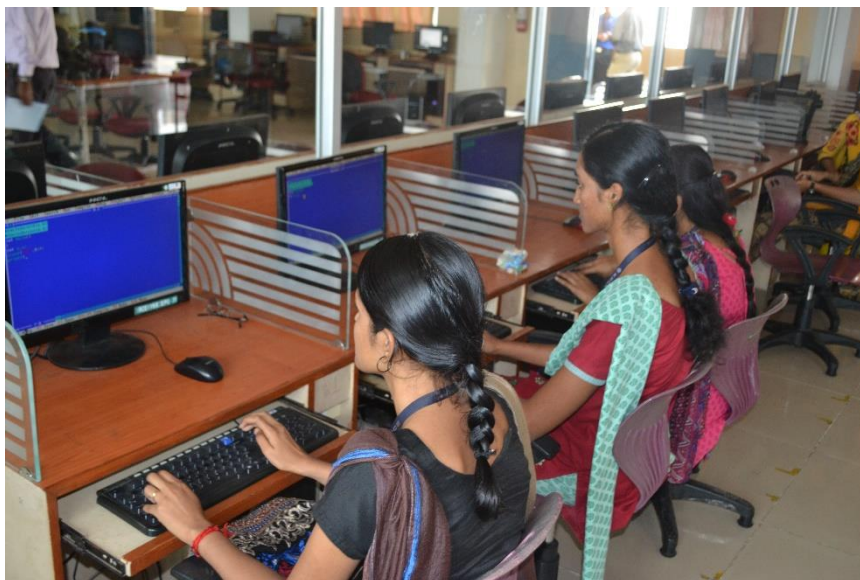




**OOPS AND DATA STRUCTURES LABORATORY:**

Laboratory In-charge : Mr. U. Surendar AP/ECE

Technical supporting staff : Ms. M.Mahalakshmi



Snapshot of OOPS And Data Structures Laboratory

Area of the laboratory: 102.92 Sq.m



**Major Equipment:**

- Personal Computers
- C++ Compilers

**Major Experiments:**

- Basic Programs for C++ Concepts
- Array implementation of List Abstract Data Type (ADT)
- Linked list and cursor implementation of List ADT
- Stack ADT Array and linked list implementations
- Program source files for Stack Application 1 and 2
- Array and Linked List implementation of Stack ADT
- An appropriate header file for the Stack ADT
- Implement any Stack Application using array implementation of Stack ADT
- Implementation of Stack ADT
- Implement another Stack Application using array and linked list implementations of Stack ADT
- Queue ADT Array and linked list implementations
- Search Tree ADT Binary Search Tree
- Quick Sort

**Utilization of the laboratory:**

- OOPS and Data Structures Laboratory for II ECE year / III Sem