Paper Code(s): CIC-209

Subject: Data Structures

Course Objectives :

1. To introduce basics of Data structures (Arrays, strings, linked list etc.)

2. To understand the concepts of Stacks, Queues and Trees, related operations and their implementation

3. To understand sets, heaps and graphs

 4. To introduce various Sorting and searching Algorithm

Course Outcomes (CO)

CO 1 To be able to understand difference between structured data and data structure

CO 2 To be able to create common basic data structures and trees

CO 3 To have a knowledge of sets, heaps and graphs