

SYLLABUS :-

Topics Introduction - Basic operation of digital computers, basic concepts of integer and floating point number representations. Elements of C programming language - data types, constants, and variables , expressions and assignment statements, input and output statements, conditional and branch statements, iteration statements, 1-d and 2-d arrays, functions and parameter passing; recursion, strings, structures,introduction to pointers and dynamic allocation,file read and write. Searching and sorting- Linear and binary search, selection sort, bubble sort, insertion sort, merge sort, quick sort. Data structures: Linked lists, stacks, queues.