VIDYA JYOTHI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

I Year-II Sem

PROGRAMMING AND PROBLEM SOLVING LAB – II

Week 1
Overview of Arrays and Functions

Week 2& 3
Programs on Strings with and without string built-in Functions

Week 4:
Programs on Accessing Structures, and Nested Structures

Week 5&6:
Array of Structures, Structures and Functions, Pointers to Structures

Week 7:
 Unions, typedef and enum

Week 8:
Programs on pointers with its implementation, pointer arithmetic, pointer
expression and Single Dimensional and Two dimensional array programs.

Week 9:
Pinter to structures, Programs on Call by Value and Reference, Pointers to Pointers

Week 10:
Programs on Dynamic Memory Allocation Functions.

Week 11:
Programs on Stacks and Queues Using Arrays

Week 12& 13:
Single Linked List Programs

Week 14& 15 :
Programs on File Operations

Week 16:
Review