

PROBLEM SOLVING THROUGH 'C'

(Common to all branches)

Course Outcomes: At the end of the course, the student should be able to

- CO 1:** Understand programming concepts and analyze a problem, design a solution and develop an algorithm to solve it.
- CO 2:** Modularize a problem and implement the solution using basic programming concepts, control statements and functions.
- CO 3:** Evaluate the use of macros and implement solutions to complex problems using recursion and homogeneous data types.
- CO 4:** Implement pointers for problems of relevance and use different dynamic memory allocation methods.
- CO 5:** Design and implement appropriate user defined structures to a given problem definition and apply various functions for processing files.

PYTHON PROGRAMMING

(CSIT)

Course Outcomes: After completion of course, students will be able to

- CO 1:** Know the importance of object oriented concepts and do basic Python programming.
- CO 2:** Write programs using various control structures, functions and modules
- CO 3:** Apply string operations to develop various text based applications.
- CO 4:** Design and develop solutions to real world problems using available data structures in python language.
- CO 5:** Use files for data storage.