Shri G. S. Institute of Technology & Science, Indore Department of Computer Engineering B. tech 1st Year (Jan-June 2024) Section: All
CO10507: PROGRAMMING FOR PROBLEM SOLVING
Lab Assignment 05

Note:
1. Submissions will be in assignment pages, and should be handwritten.
2. Draw Flowchart and Write Algorithms for every Program.

Date of Experiment: **Date of Submission:**

1	Create a structure to specify data of customers in a bank. The data to be stored is: Account number, Name, Balance in account. Assume maximum of 20 customers in the bank. Write a function to print the Account number and name of each customer with balance below Rs. 100.	**CO4**
2	Create a structure named Students to specify data on students given below: Roll number, Name, Department, Course, Year of joining. And then display record of 10 students by using array of structure.	**CO4**
3	Write a C program to find reverse of a string using pointers.	**CO4**
4	Write a C program to copy one array elements to another array using pointers.	**CO4**
5	Write a C program to search an element in array using pointers.	**CO4**
	Practice Sheet:	**CO4**
6	Write a menu driven program in 'C' which shows the working of library. The menu option should be i) Add book details. ii) Display book details. iii) List all books of given author. iv) List the count of books in the library. v) Exit.	**CO4**
7	Write a C program to read information of student using structure. It contains Name, Roll number, Birthday, admission date. Calculate age of student at the time of admission.	**CO4**
8	Write a C program to accept details of 'n' employee (eno, ename, salary) and display the details of employee having highest salary. Use array of structure.	**CO4**
9	Write a program to store and print the roll no., name, age and marks of a student using structures.	**CO4**
10	Write a C Program for Addition of Two Numbers Using Pointers.	**CO4**