



Managed by Jivan Jyot Trust, Amroli

**PROF. V. B. SHAH INSTITUTE OF MANAGEMENT | R. V. PATEL COLLEGE OF COMMERCE (ENG. MED.),
V. L. SHAH COLLEGE OF COMMERCE (GUJ. MED.) | SUTEX BANK COLLEGE OF COMPUTER APPLICATIONS & SCIENCE, AMROLI.**

Accredited by National Assessment and Accreditation Council with 'B' Grade
All colleges are Affiliated to Veer Narmad South Gujarat University, Surat

SUTEX BANK COLLEGE OF COMPUTER APPLICATIONS & SCIENCE, AMROLI

B.Sc. (I.T.) / M.Sc. (I.T.) Semester - 1

SEMESTER: 1st

SUBJECT: 105- Practical -1 Based on 104-Fundamentals of Programming Using C-1

Submission Date: 20/11/2025

📖 Practical Assignment List

Sr.No.	Title of Practical / Problem Statement
1	Write a C program to display student's basic information using printf() and escape sequences.
2	Write a C program to accept two integers and perform all arithmetic operations (+, -, ×, ÷, %).
3	Write a C program to find the largest among three numbers using nested if...else.
4	Write a C program to check whether the entered number is even or odd using if-else.
5	Write a C program to display class result (Distinction, First, Second, Pass, Fail) based on percentage using if-else-if.
6	Write a C program to simulate a simple ATM Machine using switch-case.
7	Write a C program to check whether the given year is leap year or not.
8	Write a C program to print the sum of first 10 natural numbers using for loop.
9	Write a C program to generate Fibonacci series up to n terms using loop.
10	Write a C program to check whether the given number is a Palindrome.
11	Write a C program to find factorial of a number using while loop.
12	Write a C program to accept marks of 5 subjects, calculate total, percentage and display class result.
13	Write a C program to find the largest and smallest element in an array of n integers.
14	Write a C program to sort array elements in ascending order.
15	Write a C program to perform matrix addition and subtraction using 2D array.
16	Write a C program to accept a string and display its length, reverse, and number of vowels.

=====❖ Best of Luck ❖=====