



SARASWATI Education Society's
SARASWATI Institute of Technology

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

Information Technology

Vision: To Visualize the creation of skilled, proficient IT professionals to meet current challenges.

Mission:

- To encourage young minds for training & entrepreneurship.
- To convey standard education with a rapidly changing environment with ethical values.
- To provide an environment where students can continuously learn, apply & communicate knowledge.

Name Of Program :- Diploma in Information Technology

Course Title :- PROGRAMMING IN C

Course Code :- 312303

Sem:- 2nd(2025-2026)

Date:-

Chapter Name :- Basics of 'C' Programming

Assignment No:-1

Q.1 Explain Fundamentals of algorithms.

Q.2 Explain the General structure of 'C' program.

Q.3 Explain Data types in 'C': Declaring variables, data type conversion.

Q.4 Explain Basic Input and Output functions.

Q.5 Explain arithmetic operators, shift operators.

Last Date of Submission :-02/01/2026

Course Coordinator :- Ms.Mayuri Kushwaha/Mrs. Jyoti Shinde



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Chapter Name :- Control structures

Assignment No:-2

Q.1 Explain Conditional statements in detail.

Q.2 Explain Looping statements in detail.

Q.3 Explain 'break' and 'continue' statements in detail.

Last Date of Submission :-09/01/2026

Course Coordinator :- Ms.Mayuri Kushwaha/Mrs. Jyoti Shinde



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Chapter Name :- Arrays and structure

Assignment No:-3

Q.1 Explain One dimension and two dimensional arrays in detail with program.

Q.2 Explain Array declaration and Initialization.

Q.3 Explain Declaration and Initialization of Structures

Q.4 Explain array of structures with program.

Q.5 Explain Enumerated Data Type.

Last Date of Submission :-16/01/2026

Course Coordinator :-Ms.Mayuri Kushwaha/Mrs. Jyoti Shinde



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Chapter Name :- Functions

Assignment No:-4

Q.1 Explain Concept and need of functions.

Q.2 Explain the Math functions, String handling functions.

Q.3 Explain User defined functions - function definition, functions declaration, function call

Q.4 Explain Parameter passing- call by value & call by reference

Q.5 Explain Recursive functions in detail.

Last Date of Submission :-13/02/2026

Course Coordinator :- Ms.Mayuri Kushwaha/Mrs. Jyoti Shinde



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Chapter Name :- Pointers

Assignment No:-5

Q.1 Explain declaring, initializing, accessing pointers in detail with program.

Q.2 Explain Pointer arithmetic in detail with program.

Q.3 Explain Pointer to array in detail with program.

Q.4 Explain Function handling using pointers.

Q.5 Explain Pointers to structure.

Last Date of Submission :-20/02/2026

Course Coordinator :- Ms.Mayuri Kushwaha/Mrs. Jyoti Shinde