BACHELOR OF COMPUTER APPLICATIONS
(BCA)

(Revised Syllabus)

ASSIGNMENTS

(July-2025 & January-2026 sessions)

MCS-021,MCS-023,MCS-014,BCS-031,BCSL-032,BCSL-033,BCSL-034

SCHOOLOFCOMPUTERANDINFORMATIONSCIENCES
INDIRA GANDHI NATIONAL OPEN UNIVERSITY
MAIDAN GARHI, NEW DELHI – 110 068

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Important Notes

1. Submit your assignments to the Coordinator of your Study Centre on or before the due date.

2. Assignment submission before due dates is compulsory to become eligible for appearing in corresponding Term End Examinations. For further details, please refer to BCA Programme Guide.

3. To become eligible for appearing the Term End Practical Examination for the lab courses, it is essential to fulfill the minimum attendance requirements as well as submission of assignments (on or before the due date). For further details, please refer to the BCA Programme Guide.

Course Code	:	BCSL-032
Course Title	:	C++Programming Lab
Assignment Number	:	BCA(III)/L-032/Assignment/2025-26
Maximum Marks	:	50
Weightage	:	25%
Last date of Submission	:	31st October,2025(for July session)
		30th April,2026(for January session)

This assignment has two questions. Answer both the questions. These questions carry 40 marks. Rest 10 marks are for viva-voce. Write C++ program and take its output as part of solution. Please go through the guidelines regarding the assignments given in the Programme Guide for the format of presentation.

Q1. Write a program in C++ to generate a report consisting of the names of employees who are retiring from job on a given specific input date. Make necessary assumptions. **(20 Marks)**

Q2. Write a program in C++ for implementation of a Doubly Linked List using pointers. **(10 Marks)**

Q3. Write a program in C++ for conversion of a Tree into a Binary Tree. **(10 Marks)**