

BACHELOR OF COMPUTER APPLICATIONS (BCA)

(Revised Syllabus)

BCA(Revised Syllabus)/ASSIGN/SEMESTER-III

ASSIGNMENTS

(July – 2026 & January - 2027)

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



**SCHOOL OF COMPUTER AND INFORMATION SCIENCES
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 : **MCS-014**
Course Title : **Systems Analysis and Design**
Assignment Number : **BCA(III)/014/Assignment/2026-27**
Maximum Marks : **100**
Weightage : **25%**
Last Dates for Submission : **31st October, 2026 (For July 2026 Session)**
: **30th April, 2027 (For January 2027 Session)**

This assignment has three questions of 80 marks. Rest 20 marks are for viva voce. Answer all questions. You may use illustrations and diagrams to enhance the explanations. Please go through the guidelines regarding assignments given in the Programme Guide for the format of presentation.

Q1: (30 Marks)

Develop SRS for **Voter Registration System**. SRS should be as per IEEE standard SRS template. Make necessary assumptions.

Q2: (30 Marks)

Draw the DFDs upto 3rd level for **Voter Registration System**.

Q3: (20 Marks)

Draw ERD for a **Voter Registration System**. Make necessary assumptions.