

MASTER OF SCIENCE (INFORMATION SECURITY) (MSCIS)

MSCIS/ASSIGN/2026

ASSIGNMENTS

**JAN 2026
IInd Semester**

**SCHOOL OF VOCATIONAL EDUCATION AND TRAINING
INDIRA GANDHI NATIONAL OPEN UNIVERSITY
MAIDAN GARHI, NEW DELHI – 110 068**

CONTENTS

Course Code	Submission-Schedule	Page No.
	Semester-II	
MSEI - 025	31st March, 2026 For latest updates, refer SED Notification On IGNOU's website	5
MSEI - 026	31st March, 2026 For latest updates, refer SED Notification On IGNOU's website	6
MSEI - 027	31st March, 2026 For latest updates, refer SED Notification On IGNOU's website	7

Guidelines regarding submission of assignments

1. It is compulsory for the students to submit the prescribed assignments. They will not be allowed to appear for the term-end examination of a course if they do not submit the assignments in time for that course.
2. The assignment responses should be complete in all respects. Before submission, the students should ensure that they have answered all the questions in all assignments. Incomplete answer sheets bring poor grades.
3. The University/ Regional Centre have the right to reject the assignments received after the due date. Therefore, the students are advised to submit their assignments before the due date.
4. Students should submit before the last dates prescribed for submission of assignments.
5. In case the students have already done some assignments prescribed in a course, they are required to do the **left-over assignments before taking the Term-end Examination**. If they have qualified in a course on the basis of lesser number of assignments and Term-end Examination, they will **not be eligible to re-do the assignments** with a view to improve the overall qualifying score of that course.
6. In case any student fails to submit the assignments or fails to score minimum qualifying marks, s/he has to wait for fresh assignments meant for the current batch of students.
7. For their own record, students should retain a copy of all the assignment responses, which they submit.
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9. Assignments are not subject to re-evaluation.

Instructions for Doing Assignments

While answering Assignments, the following guidelines are required to be observed:

1. The student should write their Complete correct Enrolment Number, Name, Full Address, Signature and Date on the top right hand corner of the first page of the response sheet.
2. The students should write the Programme Title, Course Code and Course Title on the left hand corner of the first page of their response sheet. Course code may be reproduced from the assignment.

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Under no circumstances should they be sent to the (SED) for evaluation.

Course Code : **MSEI-025**
Course Title : **Application and Business Security Developments**
Maximum Marks : **20**
Last date of Submission : **31st March, 2026**
For latest updates, refer SED Notification
On IGNOU's website

There are two questions in this assignment. Answer all the questions. You may use illustrations and diagrams to enhance your explanations.

Question 1: What are the advantages of coding standards?

(10 Marks)

Question 2: Vulnerability Assessment is an integral part of any Information Security Risk Management program. Is this true? Please elaborate.

(10 Marks)

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	Semester-II	
MSEI - 025	31st March, 2026 For latest updates, refer SED Notification On IGNOU's website	5
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Course Code : **MSEI-026**
Course Title : **BCP, DR Planning and Audit**
Maximum Marks : **20**
Last date of Submission : **31st March, 2026**
For latest updates, refer SED Notification
On IGNOU's website

There are three questions in this assignment. Answer all the questions. You may use illustrations and diagrams to enhance your explanations.

Question 1: In the business world, risk analysis is one of the primary tools used in the process of risk management. Explain this statement in detail.

(5 Marks)

Question 2: Explain preliminary risk analysis (PHA), hazard and operability study (HAZOP), and failure mode and effects analysis (FMEA / FMECA).

(5 Marks)

Question 3: Explain the techniques of risk analysis.

(10 Marks)

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MSEI - 025	31st March, 2026 For latest updates, refer SED Notification On IGNOU's website	5
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Course Code : **MSEI-027**
Course Title : **Digital Forensics**
Maximum Marks : **20**
Last date of Submission : **31st March, 2026**
For latest updates, refer SED Notification
On IGNOU's website

There are two questions in this assignment. Answer all the questions. You may use illustrations and diagrams to enhance your explanations.

Question 1: What are the methods to protect oneself from identity theft?
(10 Marks)

Question 2: The violation or misuse of security parameters can lead to the theft or misuse of organization information or property, or worse. How can you prevent from the violation of security parameters? Explain.
(10 Marks)