
PGCINDS- 2022

ASSIGNMENT BOOKLET

**POST GRADUATE CERTIFICATE IN INDUSTRIAL SAFETY
(PGCINDS)**

Last date for submission:

31st March for January 2022 Session

**School of Engineering and Technology
Indira Gandhi National Open University
Maidan Garhi, New Delhi-110068**

Dear Student,

We advise you to go through your course material carefully and read all the section pertaining to assignments. A weightage of 30 per cent, as you are aware, has been remarked for continuous evaluation which would consist of **one tutor-marked assignment** for each of MIS-021, MIS-022, MIS-023 and MIS-024 of this course. You have to score a minimum of 40 marks out of 100 marks in each of the assignments. **Submit your assignment response at Programme Coordinator (PGCINDS), Block-C, School of Engineering & Technology, Indira Gandhi National Open University, Maidan Garhi, New Delhi - 110068**

A feedback form is enclosed with this assignment. Please complete it after solving this assignment and send it to the Course Coordinator (PGCINDS) on the address specified on the feedback form.

Instructions for Formatting Your Assignments

Before attempting the assignment please read the following instructions carefully.

- 1) On top of the first page of your TMA answer sheet, please write the details exactly in the following format:

ENROLMENT NO:

NAME:

ADDRESS:

.....

.....

COURSE CODE:

COURSE TITLE:

ASSIGNMENT NO.:

STUDY CENTRE: **DATE:**

PLEASE FOLLOW THE ABOVE FORMAT STRICTLY TO FACILITATE EVALUATION AND TO AVOID DELAY.

- 2) Use only full size writing paper (but not of very thin variety) for writing your answers.
- 3) Leave 4 cm margin on the left, top and bottom of your answer sheet.
- 4) Your answers should be precise.
- 5) While solving problems, clearly indicate the question number along with the part being solved. Be precise. Recheck your work before submitting it.

Answer sheets received after the due date shall not be accepted.

We strongly feel that you should retain a copy of your assignment response to avoid any unforeseen situation and append, if possible, a photocopy of this booklet with your response.

We wish you good luck.

Assignment -1
(To be done **after** studying the course material)

Course Code: MIS-021
Course Title: Safety Philosophy and Principles of Accident Prevention
Assignment Code: MIS-021/TMA/2022
Maximum Marks: 100
Last Date of Submission: _____

Note:

- 1. For any question worth 5 marks the word limit is 200 words, for a 10 mark question it is 350 words.**
 - 2. All questions are compulsory. All questions carry equal marks.**
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Q.1	What are the objectives of safety audit? Why is safety audit important?	10
Q.2	Discuss the barriers that are confronted by health and safety practices at work site.	10
Q.3	What is hazard assessment? Describe the respiratory protecting equipment and devices.	10
Q.4	How fires can be classified under different classes. Explain with suitable example.	10
Q.5	What are the main causes of occupational health hazard due to manual material handling?	10
Q.6	What is the need of 5s in house keeping?	10
Q.7	What is hazard? Differentiate between acute and chronic hazard.	10
Q.8	Explain the Domino theory of Accident accusation with suitable example.	10
Q.9	Describe the management approach toward SMS.	10
Q.10	Write Short notes on any two of the following: a) Safety culture development cycle b) Safety training techniques	10