

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/2024

Maximum Marks: 100

Last Date of Submission: April 30, 2025

Note: Attempt all questions. All questions carry equal marks.

Q.1	Explain the importance of industrial safety. Briefly describe various types of safety with suitable examples.	10
Q.2	Explain Fire Triangle. Classify different types of fire and explain how they could be extinguished.	10
Q.3	Define loss control. How losses are categorized? Describe the various elements of loss control.	10
Q.4	What is a safety management system? Describe the important management approaches towards safety management system.	10
Q.5	Explain the benefits of 5 'S' in an industry.	10
Q.6	Discuss the methods of safety training with their relative advantages and limitations.	10
Q.7	Describe the various approaches for the cost analysis of an accident in brief.	10
Q.8	Explain the key risk areas in crane operations.	10
Q.9	What is PPE? Explain importance of PPE for safety of head and eyes and also discuss the equipments used for it.	10
Q.10	Write short notes on the following: a) Roles and Responsibility of Safety Manager b) Advanced investigation technique c) Fault tree analysis d) Hazard control system	10