GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR
CENTRE FOR DISTANCE AND ONLINE EDUCATION
PROGRAMME: DIPLOMA IN INDUSTRIAL HEALTH AND SAFETY

Subject: Environmental Pollution 1st Semester
Code: IHS-101

Important Instructions: **Total Marks=30**

Attempt all questions from each assignment given below.

i. Each assignment carries 15 marks.
ii. All questions are to be attempted in legible handwriting on plane white A-4 size paper and same is uploaded through login your account.

ASSIGNMENT- I

1. What are the major sources of soil pollution. Discuss harmful effects of various soil pollutants. What measures can be taken to prevent soil pollution?

2. Define air pollution. Classify air pollutants and write their effects on human health and materials.

3. What do you mean by water pollution. Discuss adverse effects and control of water pollution.

ASSIGNMENT- II

1. What do you understand by thermal pollution? Describe various effects and control measures for thermal pollution.
2. Explain meteorological aspects of air pollutant dispersion.
3. Write a descriptive note on noise pollution.

Subject: Basics of Environmental Health and Safety 1st Semester
Code: IHS - 102

Important Instructions: **Total Marks=30**

Attempt all questions from each assignment given below.

i. Each assignment carries 15 marks.
ii. All questions are to be attempted in legible handwriting on plane white A-4 size paper and same is uploaded through login your account.

ASSIGNMENT- I

1. Describe how different types of environmental stresses influence human physiological responses in an occupational setting. Provide suitable examples.
2. Discuss the major types of hazards found in occupational environments and explain how they interact with human biological systems.
3. Examine the importance of personal hygiene, welfare facilities, and rest areas in maintaining occupational health and safety.

ASSIGNMENT- II

1. Classify hazardous chemicals and explain the criteria used for their classification. Discuss how classification assists in risk communication.

2. Explain various safety measures involved in the transportation, storage, and handling of hazardous substances. Illustrate with examples of potential accidents.
4. Describe how performance measurement systems are used to assess the effectiveness of Process Safety Management (PSM) in industries.

Subject: Environmental Impact Assessment 1st Semester
Code: IHS-103

Important Instructions: **Total Marks=30**

Attempt all questions from each assignment given below.

i. Each assignment carries 15 marks.
ii. All questions are to be attempted in legible handwriting on plane white A-4 size paper and same is uploaded through login your account.

ASSIGNMENT- I

1. Discuss the importance, procedure, advantages and disadvantages of Public Hearing Process in EIA?
2. Write the steps involved in the EIA assessment of environment.
3. Explain the strategic environmental assessment.

ASSIGNMENT- II

1. Explain about environmental clearance of buildings.
2. Discuss the strength, weakness and applicability of various methodologies of EIA.
3. Discuss about the environmental impacts of mining industry.

Subject: Safety at work place 1st Semester
Code: IHS-104

Important Instructions: **Total Marks=30**

Attempt all questions from each assignment given below.

i. Each assignment carries 15 marks.
ii. All questions are to be attempted in legible handwriting on plane white A-4 size paper and same is uploaded through login your account.

ASSIGNMENT- I

1. What are the common workplace safety issues and how they can be managed?
2. What are the safety measures taken during handling and storage of hazardous materials and chemicals at workplace?
3. What is the aim of safety education and explain evaluation and review of training programs?

ASSIGNMENT- II

1. Explain Ergonomics objective and Ergonomic design of workplace and office spaces?
2. What is the importance of personal protective equipment used at work place?
3. Explain in brief on Safety audit?