

# Occupational Health & Safety

<b>Course Code: OHS-101</b>	<b>Credit Hrs: 1-0</b>
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## **Text and Reference Books:**

1. J. Ridley and J. Channing, *Safety at Works*, Routledge.
2. K. G. Lockyer, *Factory & Production Management*, Pitman Publishing

## **Course Outline:**

- Introduction of Health and Safety: Industrial Safety: introduction objectives of Safety, Importance of Safety in an industry, Industrial accidents, Effects of accidents, Types of accidents incidence of fire. Fire prevention and control.
- Techniques of Safety Management: Principles of accident prevention, hazard analysis. Legal, humanitarian, and economic reason for action. Safety inspection procedures. Safety training, First aid and emergency procedures
- Environment and Health: Introduction: importance of clean environment, Scale of Environmental Pollution. Environmental Act. Health and Safety Act.
- Atmospheric Pollution: Types of Atmospheric pollution, Their Causes and Effects on Human Health, Available Technologies for Controlling Pollution.
- Industrial Waste: Solid Waste, Industrial Effluents and Waste Gases, waste treatment plants.
- Noise Pollution: Measurement of Noise level, Effect of excessive noise on human health. Remedial Measures
- ISO Standards for Safety and Health and Environment

## **Assessment:**

Quizzes, Mid Exams, Assignments, Term Project, Final Exam