

# GHG EMISSIONS MANAGEMENT FOR ENGINEERS: BUILDING A SUSTAINABLE FUTURE

## Overview:

Elevate your engineering expertise by mastering Greenhouse Gas (GHG) Emissions Management. Our comprehensive program is designed to empower engineers with the knowledge and skills needed to address and manage GHG emissions in various industries. Join us to play a vital role in creating a sustainable and environmentally conscious future.

**Program ID** : TG-GHG0102

**Duration** : 2 days

**Time** : 9 a.m. -5 p.m.

In-house training is available on request.

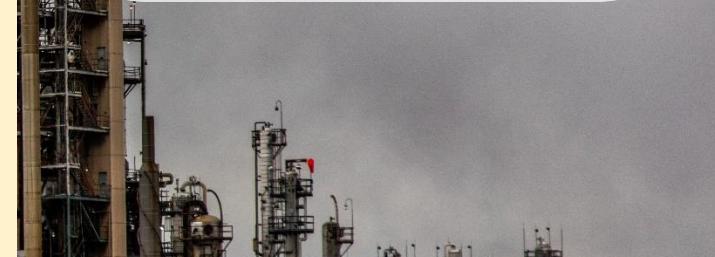
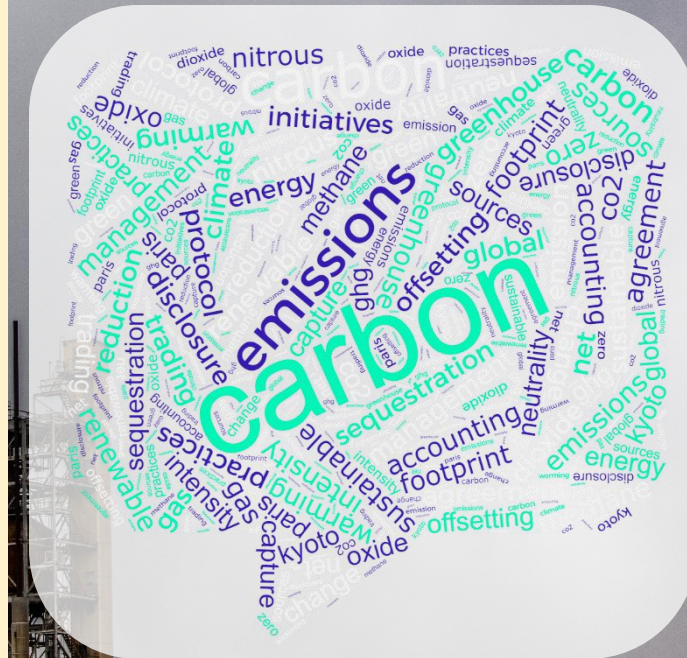


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Total Growth Solution



# KEY MODULES

## 1. Understanding GHG Emissions:

- ❖ Introduction to Greenhouse Gases:
  - Explore the different types of greenhouse gases and their sources.
- ❖ Global Impact of GHGs:
  - Understand the environmental impact of GHG emissions on a global scale.

## 2. GHG Measurement and Reporting:

- ❖ Measurement Techniques:
  - Learn practical techniques for measuring and monitoring GHG emissions.
- ❖ Emission Inventories:
  - Understand the process of developing comprehensive emission inventories for industries.

## 3. GHG Reduction Strategies:

- ❖ Renewable Energy Integration:
  - Explore strategies for integrating renewable energy sources to reduce carbon footprint.
- ❖ Energy Efficiency Practices:
  - Learn about energy-efficient engineering practices for GHG reduction.



## PROGRAM HIGHLIGHTS:

### COMPREHENSIVE LEARNING:

Grasp the fundamentals of greenhouse gases, their sources, and global impact.

Learn practical techniques for measuring and monitoring GHG emissions.

Understand carbon offset programs, trading platforms, and their role in emission reduction

### WHO SHOULD ATTEND:

Environmental Engineers, Energy Managers, and Sustainability Professionals

Engineers involved in Project Management and Compliance

## 4. Carbon Offsetting and Trading:

- ❖ Carbon Offset Programs:
  - Understand the concept of carbon offsetting and its application in various industries.
- ❖ Carbon Trading Platforms:
  - Explore carbon trading platforms and their role in emission reduction initiatives.

## 5. GHG Regulations and Compliance:

- ❖ Global GHG Regulations:
  - Gain insights into global GHG regulations and compliance requirements.
- ❖ Industry-Specific Standards:
  - Understand industry-specific standards and best practices for GHG management.

## 6. Sustainable Engineering Practices:

- ❖ Life Cycle Assessment (LCA):
  - Explore the use of Life Cycle Assessment in evaluating the environmental impact of engineering projects.
- ❖ Circular Economy Principles:
  - Learn how circular economy principles can be applied to engineering for sustainable outcomes.

Join our GHG Emissions Management program and contribute to a greener and more sustainable future.

