



Course Name Fundamental of
Combustion

Department Aerospace
Engineering,
IIT Kanpur

Instructor Dr. D.P. Mishra



Next ►

Question can never be silly,
It can be like a beautiful lily,
In the garden of knowledge,
This is still a truth, age after age.






- Dr. D.P. Mishra

◀ Previous Next ▶

Module 1: Introduction to Combustion

Lecture 1: Introduction

The Lecture Contains:

-  [Introduction to Combustion](#)
-  [What is Combustion?](#)
-  [Combustion Triangle](#)
-  [Applications of Combustion](#)
-  [Contd..](#)

 **Previous** **Next** 

Module 1: Introduction to Combustion

Lecture 1: Introduction

Introduction to Combustion

Introduction

◀◀ Previous Next ▶▶

Module 1: Introduction to Combustion

Lecture 1: Introduction

Combustion Triangle

Essential conditions for combustion to occur

1. Presence of fuel .
2. Presence of oxidizer (Not essentially oxygen).
3. They must be in right proportions.
4. The proportion will be dictated by flammability limit.
5. Ignition energy.

◀◀ Previous Next ▶▶

Module 1: Introduction to Combustion

Lecture 1: Introduction

Applications of Combustion

- Power Plants
- Chemical Industries
- Domestic Burner
- Automobiles

◀ Previous Next ▶

Module 1: Introduction to Combustion

Lecture 1: Introduction

[Contd..](#)

 **Previous** **Next** 