



Course Name Fundamental of
Combustion

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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

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Module 1: Introduction to Combustion

Lecture 1: Introduction

The Lecture Contains:

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Introduction to Combustion

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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.

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Applications of Combustion

- Power Plants
- Chemical Industries
- Domestic Burner
- Automobiles

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