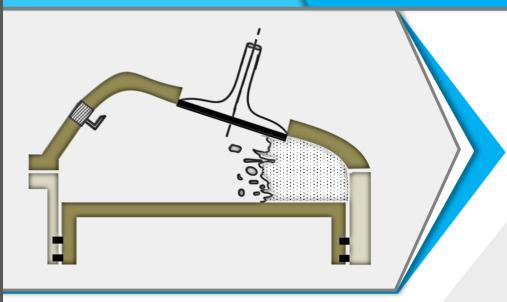


Combustion in IC Engines eLearning Course





Major Course Content:

- Fundamental of Combustion Process
- Combustion Chemical Reactions
- Otto Cycle & Diesel Cycle
- Gasoline & Diesel Combustion Process
- Stages of Gasoline & Diesel Combustion
- Abnormal Combustion Behaviour Knocking
- Combustion Characteristics Curves & Analysis
- Advanced Combustion Concepts



Course Seat Time:

1.5 hours



Course Validity:

60 days

Overview:

In todays scenario, everybody is well aware about importance of combustion. The key to the development of mankind was the discovery of how to manage the combustion process. This course is an introductory course on fundamentals of combustion for IC engines. It is important to understand the combustion phenomenon in order to design or develop better combustion engines, keeping an aim to maximize efficiency & minimize emission. This course will also introduce Advanced Combustion Concepts.

ARAI Academy presents a **comprehensive eLearning Proficiency Improvement Program (e-PIP) on "Combustion in IC Engines"** for students, faculty and working professionals.

On completing this course successfully, learner will get a certificate.

ePIP Highlights:

- Latest and up-to-date content
- Highly interactive, engaging and effective
- Real-life industry examples
- Assessments to assess learner's knowledge
- Certificate on passing the Final Assessment

Course Cost (INR):

■ **Student:** Rs. 750 + 18% GST = Rs. 885

• Faculty: Rs. 1500 + 18% GST = Rs. 1770

■ **Corporate Individual:** Rs. 3000 + 18% GST = Rs. 3540