



## Major Course Content:

- Particulate Matter Composition
- PM in IC Engines
- Particle size & their characteristics
- PM Effects on Human Health and Environment
- Sources of PM
- Soot Formation Process
- Spray Characteristics
- Diesel Smoke
- Impact of various parameters on Soot formation
- PM Reduction Strategies
- Introduction of Diesel Particulate Filter (DPF)
- Ambient Air Quality Standards for PM



**Course Seat Time:**  
2 hours



**Course Validity:**  
60 days

## Overview:

Air pollution has been considered a hazard to human health. In past several decades, many researchers and industries have highlighted the negative impact of airborne particulate matter (PM).

ARAI Academy presents a **comprehensive eLearning Proficiency Improvement Program (e-PIP) on “PM Emission Formation”** 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. 1000 + 18% GST = Rs. 1180
- **Faculty:** Rs. 2000 + 18% GST = Rs. 2360
- **Corporate Individual:** Rs. 4000 + 18% GST = Rs. 4720