

# **NO<sub>x</sub> Emission Formation eLearning Course**





## **Major Course Content:**

- Family of Nitrogen Oxides
- NO<sub>x</sub> in IC Engines
- NO<sub>x</sub> Generation in Engines
- NO<sub>√</sub> Formation in Engines
- Types of NO<sub>X</sub> Formed in CI Engine
- NOx Formation Mechanism
- Effects of Engine Variables on NOx Emissions
- NO<sub>x</sub> Emission Treatment



**Course Seat Time:** 

1 hour



**Course Validity:** 

60 days

#### Overview:

This course deals with the mechanism of formation of Nitrogen Oxides ( $NO_X$ ) emission in IC Engines.  $NO_X$  is a very harmful gaseous emission. It also contributes to the formation of smog and acid rain, as well as affecting tropospheric ozone. It will also help to develop an understanding about formation of  $NO_X$  emission, types of  $NO_X$  and main reason of  $NO_X$  emission generation.

ARAI Academy presents a **comprehensive eLearning Proficiency Improvement Program (e-PIP) on "NO<sub>X</sub> 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. 500 + 18% GST = Rs. 590

• Faculty: Rs. 1000 + 18% GST = Rs. 1180

■ Corporate Individual: Rs. 2000 + 18% GST = Rs. 2360