



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_x Emission Formation” for students, faculty and working professionals.

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

Major Course Content:

- Family of Nitrogen Oxides
- NO_x in IC Engines
- NO_x Generation in Engines
- NO_x Formation in Engines
- Types of NO_x Formed in CI Engine
- NO_x Formation Mechanism
- Effects of Engine Variables on NO_x Emissions
- NO_x Emission Treatment

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



Course Seat Time:
1 hour



Course Validity:
60 days