



Major Course Content:

- Particle size & characteristics of DPF
- Functions of DPF
- DPF Requirements
- Construction & Working of DPF
- Selection of DPF
- Effect of Geometrical Parameters
- Materials for DPF
- Manufacturing of DPF
- Performance of DPF
- DPF Regeneration
- Fuel Economy Penalty
- Catalysed DPF or CDPF
- Soot Mass Balance



Course Seat Time:
 2 hours



Course Validity:
 60 days

Overview:

Particulate matter has been the focus of engine and emission experts since last 5 decades, because of its harmful effects on human health and environment. Scientists and Engineers have worked on reducing particulate emission by optimizing the engine and trading-off with NOx emission. With particulate emission norms becoming more stringent, the research on Diesel Particulate Filter (DPF) was initiated.

ARAI Academy presents a **comprehensive eLearning Proficiency Improvement Program (e-PIP) on “Diesel Particulate Filter”** 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