



Major Course Content:

- Introduction & Fundamental Working of Hybrid Electric Vehicle
- ICE, Hybrid and Pure EV: Comparison
- Challenges faced by Indian EV industry
- FAME India Scheme
- Complex Dynamics of Electric Vehicle
- Major Components
- Classification of EV:
 - According to Architecture
 - According to Degree of Hybridization
 - According to number of motors
 - According to position of motors
- Plug-in Hybrid Electric Vehicle (PHEV)
- Fuel Cell Technology under xEV Concept
- Factors affecting EV/HEV Adoption in India



Course Seat Time:
2.5 hours



Course Validity:
60 days

Overview:

Hybrid Electric Vehicles (HEVs) are the vehicles that combine the benefits of engines & electric motors. HEVs can be set-up to meet different objectives such as improved fuel economy, increased performance and more importantly, it can help us in reducing the carbon footprints.

At this stage, the automobile segment is focusing on both, the pure electric (EV) or hybrid electric vehicle (HEV). HEVs provide a bridge between current IC engine vehicles and pure electrified ones. For beginners or those interested in reskilling/upskilling, this course will provide you with right impetus to learn about the architecture of hybrid electric vehicles.

ARAI Academy presents a **comprehensive eLearning Proficiency Improvement Program (e-PIP) on “Hybrid & Electric Vehicles Architecture”** 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. 1250 + 18% GST = Rs. 1475
- **Faculty:** Rs. 2500 + 18% GST = Rs. 2950
- **Corporate Individual:** Rs. 5000 + 18% GST = Rs. 5900