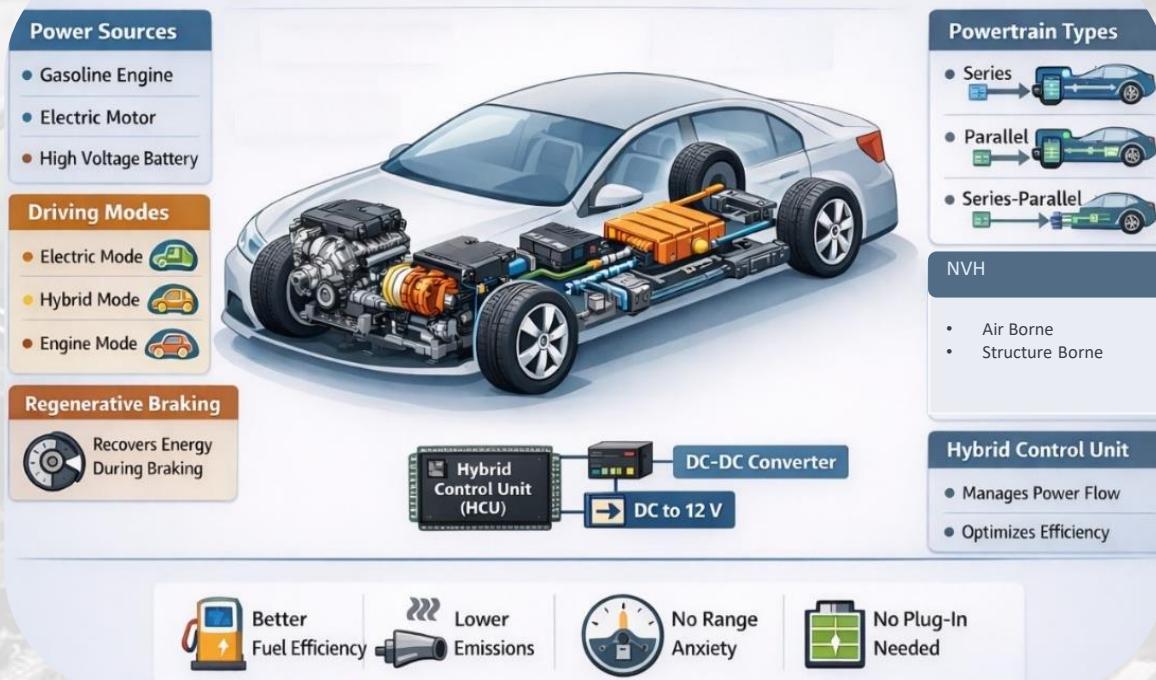


2-Day Certificate Programme on

# Hybrid Electric Vehicle

## Hybrid Electric Vehicle (HEV) - Technology Overview



**DATE** 12<sup>th</sup> & 13<sup>th</sup> March 2026

**VENUE** ARAI Academy, Chakan, Pune

## SPEAKERS



**Dr. Himadri Bhushan Das**  
Chief Solution Architect  
ElectraEV, Pune



**Dr. Uday Mhaskar**  
Power Electronics & Energy  
Systems Expert, Pune



**Dr. Yogesh K. Bhateshvar**  
Dy. General Manager  
ARAI, Pune



**Dr. Kiran P. Wani**  
Dy. General Manager  
ARAI, Pune



**Mr. Aatmesh Jain**  
Manager  
ARAI, Pune



**Dr. Manas R. Sial**  
Engineer  
ARAI, Pune

The objective of this programme on Hybrid Powertrain Architecture & System Integration is to provide participants with a focused yet comprehensive understanding of hybrid electric vehicle technologies, including hybrid energy management strategies, fuel cell hybrid systems, electric machines, regenerative braking mechanisms, NVH considerations, vehicle diagnostics, and control systems. The programme emphasizes system-level integration of hybrid powertrain components, energy flow management, and practical operational strategies, enabling participants to acquire application-oriented knowledge essential for designing, analysing modern hybrid and fuel cell vehicles in real-world scenarios.

## 02 SCHEDULE OF THE PROGRAMME:

Start	Subject
<b>Day One: 12<sup>th</sup> March 2026 (Thursday)</b>	
<b>08:30</b>	Registration & Breakfast
<b>09:30</b>	Hybrid Powertrain Architecture & System Integration
<b>11:30</b>	Tea & Networking Break
<b>11:45</b>	Hybrid Energy Management strategies for HEV's
<b>13:00</b>	Lunch Break
<b>14:00</b>	Fuel Cell Hybrid Technology
<b>15:00</b>	Tea & Networking Break
<b>15:15</b>	EV-HEV Lab visit
<b>16:15</b>	Conclusion
<b>Day Two: 13<sup>th</sup> March 2026 (Friday)</b>	
<b>09:30</b>	Electric Machines Used in HEVs & Regenerative braking Mechanism
<b>10:30</b>	Tea & Networking Break
<b>10:45</b>	NVH for xEV's
<b>11:45</b>	Diagnostic requirement for Hybrid Electric vehicle
<b>13:00</b>	Lunch Break
<b>14:00</b>	Controls for Hybrid electric vehicle
<b>15:00</b>	Tea & Networking Break
<b>15:15</b>	DTL+HV Lab visit
<b>16:00</b>	Feedback & Assessment

### 03 REGISTRATION CONTACT:

#### Contact Details

**Phone:** 02135-630795/90 or 02135-396695/90

**Email:** [training.pga@araiindia.com](mailto:training.pga@araiindia.com) ; [patil.pga@araiindia.com](mailto:patil.pga@araiindia.com)

**Website:** <https://www.araiindia.com/services/knowledge-dissemination>

**Office Address:** ARAI Academy, ARAI-FID, B-16/1, MIDC, Chakan, Mahalunge Ingale, Maharashtra 410501

### 04 REGISTRATION FEES:

#### Registration Fees (Rs.)

**Rs.12,000 + 18% GST = Rs. 14,160 Per Participant**

**10% DISCOUNT if 5 or more delegates are registered from the same organization**

### 05 PAYMENT INFORMATION:

**Mode of Payment:** Online Transaction

**ARAI Pune Account No:** 04470200000280

**IFSC/RTGS/NEFT Code:** BARBOKARVER (0=Zero)

Note: Participants from organization in SEZ must confirm the applicability for GST before making the payment.



**For Registration**

#### Who should attend:

- Automotive Engineers and Technologists
- Researchers and Academicians
- Industry Professionals
- R&D Specialists and Managers
- Graduate Students and Young Professionals