Agenda Overview

16 Hours ADVANCED Training on

EV & HEV Drivetrain Technology





This advanced training module is about in-depth understanding on fundamentals, advanced technicalities, mathematical relationships, performance calculation, control system, sizing and selection at component level and system level of Electric Vehicle (EV) and Hybrid Electric Vehicle (HEV) drivetrain systems.

Why EV & HEV



EV & HEV fundamentals and components

- ✓ Characteristic, classification, problem
- Component working, performance, mathematical formula



□ EV & HEV dynamics, performance & energy economy

✓ Vehicle dynamics, forces, tractive effort, limitation ✓ Calculation of acceleration, time, max speed, gradeability, distance, fuel/ energy consumption



□ Electric propulsion system

✓ Power converter types, working, importance in EV & HEV



✓ Motors - working, classification, performance characteristic, mathematical formula, factors affect performance, control mechanisms, applications



Who Should Attend?

- □ Working professionals/ planning to work in EV & HEV drivetrain systems, Vehicle calibration
- □ Battery and E-motor manufacturers
- □ Electric 2-wheeler and 3-wheeler electric retrofitters
- **E**-rickshaw manufacturers
- □ OEMs/ Consulting Companies/ Start-ups
- □ Engineering Students/ Professors/ Scholars



Training Fees

Corporate Training

Category	Training Fees per participant (Rs.)
Company Sponsored	8,000.00
Individual Sponsored	6,500.00

For registration, please contact us:

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- GT-SUITE user for 14 years
- □ M.Tech. from IIT Kharagpur

