

Mercedes Engine

Objective: More powerful, more economical and cleaner—the new modular family of engines from Mercedes-Benz offers the right powertrain for every vehicle.

Session 1:

- Description about Atmega 8.
- What is an automobile?
- Brief history.
- Indian automobile industry

Session 2:

- Introduction to Friction and its types.
- Introduction and Calculation of Air drag offered to a car
- Crash Analysis of high speed cars.
- How to perform crash analysis using solid works
- Effect of composite materials on vehicle performance

Session 3:

- Chassis design
- Steering System
- Transmission system
- Fuel Supply System

Session-4:

- Brake drying
- Crash safety
- Adaptive high-beam assist
- ABS and ASR
- Adaptive Brake system with Hold function.
- ESP
- Neck-Pro head restraints
- Parktronic system
- Supplemental Restraint System
- Concept blue zero.

Session 5:

- Mercedes in-line 6 cylinder Engine Dismantling and Assembling
- Measurement of Engine cylinder volume
- Display of various sensors in the engine.

Session 6:

- Query
- Certificate Distribution

