

Advanced Automotive Technology - 2 Wheeler & 4 Wheeler (4 Weeks)

..(Fully online session)

COURSE CONTENT

• **Module 1: Advanced Two Wheeler technology**

- ⇒ Ergonomics and Basics of Motorcycle
- ⇒ Power Generating System
- ⇒ Carburetor
- ⇒ Transmission System
- ⇒ Electrical Circuit
- ⇒ Electronics and FI
- ⇒ Periodic Maintenance and Service of bikes (Required for Maintenance-related jobs)

• **Module 2: Advanced Four Wheeler technology**

- ⇒ Introduction/ History of the automobile, automobile terminologies
- ⇒ Engine & its basic components
- ⇒ Air induction & exhaust system
- ⇒ Power flow system, AI
- ⇒ Braking system, ABS, EBD, ESP
- ⇒ Steering system



- ⇒ Engine management system
- ⇒ Lubrication and cooling system;
- ⇒ Axes & differentials
- ⇒ Emission norms, bs-4, bs-6
- ⇒ Fuel system
- ⇒ Auto electrical

