

## **Automobile Mechanics & Engine Design Course Content (15 Days)**

- 1. Introduction (1 Hr)**
- 2. Chassis Design**
- 3. Types of chassis**
- 4. Suspension Unit**
- 5. Types of suspensions**
- 6. Braking Unit**
- 7. Anti-lock braking system**
- 8. Brake Actuators**
- 9. Designing Using Software- Basics of AutoCAD & CATIA V5**
- 10. Transmission system**
- 11. Types of Transmission system**
- 12. Differentials**
- 13. Tyres and Traction Control**
- 14. IC Engines**

## **Automobile Mechanics & Engine Design Training Kit**

- 1x Engine Design CD