

## ● CAE COURSE

CAE-108 PH.D. RESEARCH PROJECTS IN CAE

**DURATION - Till project completion**

Project Titles

- Design and Strength Analysis of connecting rod.
- Metal and composite material comparison of disc pad
- Design and vibration analysis of Cam Shaft
- Design optimization of the Gear box casing
- Design & Stress Analysis of Engine mounting brackets
- Modeling and analysis of automobile chassis
- Design and FEA analysis of FRP composite pressure vessel
- Static and thermal analysis of radial three cylinder engine
- Thermal analysis of cylinder head gasket
- Car wheel cornering fatigue analysis
- Computer aided design and analysis of air engine piston
- Design and analysis of composite spur gear
- FEA analysis of frame for bicycle
- Steady-state thermal stress analysis of gearbox casing by FEM
- Design and analysis of rocker arm

