



CAD-CAE Design & Analysis

QP Code: ASC/Q5102 (L6)

Module 1: Introduction To CAE And Meshing

240 hrs

- Introduction to connected Lab story
- Introduction to CAE and CAE analysis data
- Meshing and mesh quality with Boundary conditions
- Physics (turbulence) model setup

Module 2: Flow Simulation And Thermal Simulation

232 hrs

- Response of simulation and Post processing and Reports
- Advanced Fluid Modelling
- Advanced flow simulation and thermal simulation

Module 3: NX Thermal And NVH Testing

240 hrs

- Linear and nonlinear static analysis
- Overview of NX thermal
- NVH Testing by using of LMS Test Lab software