

CFD-ACUSOLVE

Software: HyperWorks AcuSolve

Course Duration: 40 hours

- Introduction to CFD
- Introduction to Acusolve
- CFD Meshing in HyperMesh & AcuConsole
- Internal Flow & External Flow Analysis
- Laminar, Turbulent & Transition Flow modelling
- External Flow on Airfoil using different turbulence model
- Reference frame & Sliding mesh simulation
- Natural Convection
- Steady & Transient Conjugate Heat Transfer analysis
- Enclosure Radiation & Porus Media Modelling
- Multi-phase Simulation
- CFD Post-processing in Hyperview & AcuFieldView