



COMPUTATIONAL FLUID DYNAMICS

- 1.) Flow analysis over Onera M6 Wing.
- 2.) Computational study on supercritical aerofoil.
- 3.) Method development for investigation of real effects on flow around vanes.
- 4.) A CFD Investigation into the flow distribution of a car passing by a truck.
- 5.) Simulation of missile aerodynamics at high angle of attack.
- 6.) Analysis of liquid hydrogen turbine inlet manifold.
- 7.) CFD in Launch Vehicle Propulsion system design.
- 8.) Air and Fuel flow interaction in combustion chamber for various injector locations.
- 9.) Nozzle design optimization to reduce noise for turbo jet engine.
- 10.) Advanced Fin Design for High Speed engines