

- a) **Aerodynamics:** High Speed Aerodynamics, Low Speed Aerodynamics, Hypersonic flows, Experimental Fluid Dynamics, CFD/High Performance Computing, Aeroacoustics, vehicle aerodynamics, fluid-structure interaction, turbulent flows

- b) **Propulsion :** Solid, Liquid and Hybrid propulsion systems, combustion, flames, high energy materials, computational combustion, cryogenics, Microthrusters, green propellants