



STRUCTURES

- 1.) Spur gear tooth stress analysis and stress reduction and limit load application.
- 2.) Modelling and finite element analysis of heavy vehicle ladder chassis.
- 3.) Fabrication and buckling, torsional analysis of aircraft rib.
- 4.) Finite element analysis and design of an air to air missile
- 5.) Epi-cyclic gear transmission system and limit load analysis.
- 6.) Finite element analysis of Turbine blade.
- 7.) Parameterized automated generic model for aircraft wing structural design and mesh generation for finite element analysis.
- 8.) Dynamic and static analysis of swept back wing of NACA 2412 series
- 9.) Structural Analysis and design analysis of a missile container.
- 10.) Buckling analysis of Diesel engine connecting rod for different load conditions.
- 11.) Design and analysis of bevel gear used in limited slip differential gear box system
- 12.) Design of torpedo missile propeller blade and structural analysis.
- 13.) Design and structural analysis of heavy vehicle leaf spring.