

SYLLABUS :-

Introduction to Flight Vehicle Structures, Flight-Vehicle Imposed Loads, Energy Methods of Structural Analysis; Theory of Elasticity in Three-dimensions, (Tensorial approach); Two-dimensional problem of Elasticity; Development of problem related to Aerospace Structures; Stress AnalysisBooks:T H G Megson, Aircraft Structures for Engineering Students, Edward ArnoldH Ashley, Engineering Analysis of Flight Vehicles, Addison WesleyD J Peery and J J Azar, Aircraft Structures, McGraw-HillB K Donaldson, Analysis of Aircraft Structures: An Introduction, McGraw-Hill