

SYLLABUS :-

Prerequisites: AE31001

3 - 1 - 0: 4 Credits Turbojets; Axial Compressor and its performance; Elementary Theory of Turbines; Injectors and Fuel Injection, Combustion Chamber performance; Design Procedure. Books: J D Mattingly, Elements of Gas Turbine Propulsion, McGraw-Hill J D Mattingly, W H Heiser, D H Daley, Aircraft Engine Design, AIAA S L Dixon, Fluid Mechanics, Thermodynamics of Turbomachinery, Pergamon Press H Cohen, G F C Rogers, and H Saravanamuttoo, Gas Turbine Theory, Longman