

SYLLABUS :-

Prerequisites: AE31001, AE31008

3 - 0 - 0: 3 Credits General propulsion systems, Theory of intakes and exhaust systems, thrust reversal, jet engine noise and methods of noise reduction, Cycle analysis of one and two spool engines, Equilibrium running of gas turbine engines, Component matching, Transient behavior, Design consideration of axial flow multistage machines, stream line curvature method, radial equilibrium equation, Design and off-design performance.