## SUBJECT NO-AE51005, SUBJECT NAME- UNSTEADY AERODYNAMICS

LTP- 3-0-0,CRD- 3

## SYLLABUS :-

Prerequisites: AE21001, AE21002

3 - 0 - 0: 3 CreditsFundamentals of unsteady flow, formulation of the problem, boundary conditions; Kutta condition, Calculation of pressure, Incompressible unsteady two-dimensional lifting surface theory; Finite wing in unsteady incompressible flow, method of solutions.