SUBJECT NO-AE40034, SUBJECT NAME- ADVANCED COMPUTATIONAL FLUID DYNAMICS

LTP- 3-0-0,CRD- 3

SYLLABUS :-

Prerequisites: AE40001

3 - 0 - 0: 3 CreditsTurbulence modeling and Numerical Solution of Navier-Stokes Equations for turbulent flows, Application of CFD methods to stability and acoustic problems, ENO and DRP schemes, Introduction to multiphase/multi-component, Introduction to weighted residual methods in CFD and applications.