

SUBJECT NO-AE51018, SUBJECT NAME- INDUSTRIAL AERODYNAMICS

LTP- 3-0-0,CRD- 3

SYLLABUS :-

Prerequisites: AE21001

3 - 0 - 0: 3 Credits Historical background, wind-data, basic shape factors, bluff body aerodynamics, Wind tunnels and measurement techniques, Dynamic effects, aeroelastic phenomena, Application to buildings, chimneys, towers, bridges, automobiles, etc; Design practice, case studies.