



TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology

Wardha Road, Nagpur - 441108

Accredited with NAAC A+ Grade

Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institution Affiliated to RTM Nagpur University, Nagpur)

BAE2405: Aerodynamics-I

BAE2405	Course Outcomes
CO1	Determine aerodynamic forces and moments on aerofoil through the understanding of basic principles and governing equations of fluid mechanics.
CO2	Evaluate typical airfoil characteristics and two-dimensional flows over airfoil
CO3	Compute and analyze the incompressible flow over finite wings
CO4	Apply finite wing theory and design high lift systems from the aerodynamics view point.
CO5	Depict the effect of three dimensional effect on the aerodynamic forces and related effects on wing.