



TULSIRAMJIGAIKWAD-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)

Aeronautical Engineering Department

BAE3610: Vibration and Aero- Elasticity

BAE3610	Course Outcomes
CO1	Estimate unforced and force response for damped and undamped system.
CO2	Differentiate Dynamic, static and impulse loading and estimate damping ratio.
CO3	Analyze dynamics of multi Degree of freedom and rotating system.
CO4	Understand the Synthesis the dynamics of aircraft structures
CO5	Explicate principles of aero-elasticity with Classification and Solution of Aero elastic Problems.