



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)

BAE3502: Aircraft Structures

BAE3502	Course Outcomes
CO1	Apply the basic concepts of stress and strain analysis to compute the strength of material.
CO2	Predict life of materials and structures by using different failure theories and its application.
CO3	Predict the fatigue life of the structure and calculate impact and fatigue strength.
CO4	Calculate loads on the aircraft for different maneuvering conditions.
CO5	Identify determinate and indeterminate structures and solve the problems of truss structures using different methods.