



# TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING & TECHNOLOGY

Wardha Road, Nagpur - 441108  
Accredited with NAAC A+ Grade & NBA Accredited (EE & ME)  
Approved by AICTE, New Delhi, Govt. of Maharashtra  
(An Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)



## Aeronautical Engineering Department

### B.Tech Second Year (Semester-III)

### BAE32303: Introduction to Aeronautical Engineering

BAE32303	Course Outcomes
CO1	<b>Understand</b> history of aviation and basic concepts of aerospace engineering and implement the knowledge acquired in design and development of aircrafts.
CO2	<b>Understand</b> different components of aircraft, vehicle types and flight instrumentations and develop conceptual design of aircraft systems and subsystems.
CO3	<b>Apply</b> the knowledge of aerodynamic forces and moments acting on airplane for understanding of different flight parameters.
CO4	<b>Apply</b> the knowledge of aircraft structures and configurations in solving the problems on airplane layouts, load factor and factor of safety.
CO5	<b>Investigate</b> the performance and characteristics of the aircraft jet engines and the basic understanding of their working principles.