



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

NAAC Accredited (A+ Grade)



Second Year (Semester-III) B.Tech. Aeronautical Engineering

BAE2302:INTRODUCTION TO AEROSPACE ENGINEERING

BAE2302	COURSE OUTCOMES
CO1	Understand history of aviation and basic concepts of aerospace engineering and implement the knowledge acquired in design and development of aircrafts.
CO2	Understand different components of aircraft, vehicle types and flight instrumentations and develop conceptual design of aircraft systems and subsystems.
CO3	Apply the knowledge of aerodynamic forces and moments acting on airplane for understanding of different flight parameters.
CO4	Apply the knowledge of aircraft structures and configurations in solving the problems on airplane layouts, load factor and factor of safety.
CO5	Investigate the performance of the aircraft and rocket engines with the basic understanding of its working principles.