



TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING & TECHNOLOGY

Wardha Road, Nagpur - 441108

Accredited with NAAC A+ Grade & NBA Accredited (EE, ME, CE & ECE)

Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)



Aeronautical Engineering Department

BAE33505: Aircraft Systems and Instruments

BAE33505	Course Outcomes	CL	Class Sessions
CO1	Explain the architecture and functioning of conventional and modern aircraft control systems	3	9
CO2	Analyze the configuration and operation of aircraft hydraulic systems and their components.	3	9
CO3	Compare pneumatic and hybrid systems used in aircraft, with emphasis on landing gear operations, shock absorption, and braking systems.	3	9
CO4	Differentiate between fuel, lubrication, ignition, and starting systems used in piston and jet engines	3	9
CO5	Apply the working principles of aircraft auxiliary systems, flight and engine instruments for performance monitoring.	3	9