



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)



DEPARTMENT OF AERONAUTICAL ENGINEERING

B. Tech. – Open Elective

BAEXX18: Aircraft Systems and Instrumentation

BAEXX18	Course Outcomes
CO1	Describe the working principles of control systems in an aircraft.
CO2	Summarize the operations of Hydraulic, Pneumatic and Landing gear systems.
CO3	Illustrate the concepts of starting, ignition, fuel and lubricating systems of typical aircraft power plants.
CO4	Discuss the ideas of air cycle systems along with fire protection, deicing and anti-icing systems.
CO5	Explain the technical aspects of aircraft instruments and their working principle.