



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

MINORS IN DRONE TECHNOLOGY B.Tech 3rd Semester

BAE32321	Course Outcomes	CL	Class Sessions
CO1	Understand history of aviation and basic concepts of aerospace engineering and implement the knowledge acquired in design and development of aircrafts.	2	9
CO2	Understand different components of aircraft, vehicle types and flight instrumentations and develop conceptual design of aircraft systems and subsystems.	2	9
CO3	Apply the knowledge of wing characteristics (wing span, sweep, taper ratio, dihedral/anedral angles) to explain their impact on aerodynamic performance.	3	9
CO4	Apply the knowledge of aircraft structures and configurations in solving the problems on airplane layouts, load factor and factor of safety.	3	9
CO5	Compare the characteristics and applications of turbofan, turbojet, turboprop, ramjet, and scramjet engines.	3	9