



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 Final Year (Semester-VII) BAE4705: Theory of Combustion

BAE4705	Course Outcomes
CO1	Calculate adiabatic flame temperature and estimate equilibrium products of combustion.
CO2	Solve chemical kinetics and species conservation equations
CO3	Acquire knowledge in different flame structures and stability characteristics
CO4	Compare the performance of different combustors and design of flame holders.
CO5	Analyze the combustion mechanisms of different propellants.