



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

BAE2304: AERO- THERMODYNAMICS

BAE2304	COURSE OUTCOMES
CO1	Apply the basic concepts of thermodynamics in solving related problems.
CO2	Evaluate heat transfer problems by appreciating the first law of thermodynamics and its application.
CO3	Solve problems on Carnot cycle, Clausius inequality, availability and irreversibility by interpreting the application of second law of thermodynamics to heat engines, heat pumps and refrigerators.
CO4	Work out problems on change of entropy through understanding of the concepts of available energy.
CO5	Solve problems on operation of engines by comprehending the basics of different air standard, gas power and refrigeration cycles and concerned engines.