



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)

BAE4712: Computational Fluid Dynamics

BAE4712	Course Outcomes
CO1	Familiarize with different governing equations and boundary conditions.
CO2	Understand the partial differential equations and their physical behaviors in fluid flow problems.
CO3	Discredited governing equations using Finite difference methods and carry out numerical error analyses.
CO4	Follow the basic procedures to generate grid for fluid flow.
CO5	Apply the difference formulations to fluid flow problems.