



TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology

Wardha Road, Nagpur - 441108

Accredited with NAAC A+ Grade

Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institute Affiliated to RTM Nagpur University)







Department of Basic Sciences & Humanities

First Semester Autonomous Course Outcome (COs)

CAD for Aircraft Component: BCE31102

Course Code	Course Outcomes
BCE31102.1	Demonstrate proficiency of using CAD software to create 2D sketches and 3D models of aeronautical components, applying geometric constraints and dimensions effectively.
BCE31102.2	Apply the knowledge in acquiring skills of creating technically accurate 2D drawings of aircraft components and represent complex 3D components in 2D drawings.
BCE31102.3	Generate engineering documentation, including assembly drawings and bills of materials, following industry standards, ensuring clear and accurate communication of design intent.
BCE31102.4	Collaborate effectively with peers on aeronautical design projects, demonstrating strong communication skills, task delegation, and project management abilities.
BCE31102.5	Develop consistent high-quality CAD models and documentation, adhering to ethical and professional standards.

				Aug, 2023	1.00	Applicable for AY 2023-24 Onwards
Chairperson	Dean Academics	Vice Principal	Principal	Date of Release	Version	