



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 Institution Affiliated to RTM Nagpur University, Nagpur)

BAE2402: Design of Machine Elements & Manufacturing Process

BAE2402	Course Outcomes
CO1	Estimate the size of machine elements for transmitting torque, bending moment and axial loads.
CO2	Perform design calculations for selection of type of nuts, bolts, joints, and fasteners required for particular application.
CO3	Solve problems on casting and welding processes required for aerospace applications.
CO4	Describe the applications of various machining processes applicable to aerospace components.
CO5	Distinguish various powder metallurgy processes and choose proper process for aerospace applications.