



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)



First Year (Semester-I) M Tech. Aeronautical Engineering

MAE1103: Aeronautical Materials and Structures

MAE1103	Course Outcomes
CO1	Understand the properties of materials used in aeronautical applications
CO2	Utilize the knowledge of material types and manufacturing process involved in aircraft for solving related problems.
CO3	Implement the understanding of aircraft structure and solve complex problems.
CO4	Analyze the loads applied on aircraft and evaluate its effect on the structure.
CO5	Understand the basic certification requirements for aircraft structures.