Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

NAAC A+ Accredited & An Autonomous Institute

Approved by AICTE ,New Delhi, Govt .of Maharashtra & Affiliated to RTM Nagpur

Department of Science & Humanities

BASICS OF AIRCRAFT DESIGN
QR-CODE

EXPERIMENTS	QR CODE	EXPERIMENTS	QR CODE	EXPERIMENTS	QR CODE
1.Prepare 2D airfoil CAD model by importing airfoil coordinate.		5.Prepare 3D wireframe CAD model of fuselage structure		9.Assemble landing gear components with assembly design tool keeping tolerances and fits in consideration.	
2.Prepare 3D CAD model of wing structure with 2D airfoil by extrusion.		6.Prepare 3D wireframe CAD model of nose section		10.Assemble all the aircraft components with assembly design tools keeping tolerances and fits in consider.	
3.Prepare 3D CAD model of tail plane structure with 2D airfoil by extrusion.		7.Prepare a 3D CAD models of engine mounts.			
4.Prepare 3D CAD model of a propeller with 2D airfoil by extrusion		8.Prepare 3D CAD models of landing gear components.			