



INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of Faculty:	Dr. Prasanta Kumar Mohanta	Department:	Aerospace Engineering
Regulation:	R-18	Batch:	2019-2021
Course Name:	Computational Aerospace Engineering Laboratory	Course Code:	BAEB10
Semester:	I Semester	Target Value:	1.8

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1	Make use of Matlab and Simu-link tools for solving aerospace engineering problems in designing.	3	-	3	Attained
CO 2	Examine the thin walled beams and shells using finite element method for analyzing the bending stiffness of aircraft structure.	3	-	3	Attained
CO 3	Solve the Burger's equation using explicit MacCormack method for analyzing fluid flows	3	-	3	Attained
CO 4	Develop the numerical code for solving laminar flow over a flat plate.	3	-	3	Attained
CO 5	Make use of Matlab and Simu-link for simulating the motion of aircraft and re-entry vehicles.	3	-	3	Attained
CO 6	Build the mathematical model by using different techniques for simulating satellite attitude dynamics.	3	-	3	Attained

Action taken report (To be filled by the concerned faculty/ course coordinator):

--

Course Coordinator

Mentor

HOD

Head of the Department
Aeronautical Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043