INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of Faculty:	Dr.Aravind Rajan Ayagara	Department:	Aerospace Engineering
Regulation:	R-18	Batch:	2020-2022
Course Name:	Computational Aerospace Engineering Laboratory	Course Code:	BAEB10
Semester:	Ist 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.	3.00	-	3	Attained
CO 2	Examine the thin walled beams and shells using finite element method for analyzing the bending stiffness of aircraft structure.	3.00	-	3	Attained
CO 3	Solve the Burger's equation using explicit MacCormack method for analyzing fluid flows	3.00	-	3	Attained
CO 4	Develop the numerical code for solving laminar flow over a flat plate.	3.00	-	3	Attained
CO 5	Make use of Matlab and Simu-link for simulating the motion of aircraft and re-entry vehicles.	3.00	-	3	Attained
CO 6	Build the mathematical model by using different techniques for simulating satellite attitude dynamics.	3.00	-	3	Attained

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

Course Coordinator   **Mentor**   **HOD**