



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:	PG-21	Batch:	2021-2023
Course Name:	Computational Aerospace Engineering Laboratory	Course Code:	BAEC12
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.	0.3	0.0	0.3	Not Attained
CO 2	Examine the thin walled beams and shells using finite element method for analyzing the bending stiffness of aircraft structure.	0.3	0.0	0.3	Not Attained
CO 3	Solve the Burger's equation using explicit MacCormack method for analyzing fluid flows	0.3	0.0	0.3	Not Attained
CO 4	Develop the numerical code for solving laminar flow over a flat plate.	0.3	0.0	0.3	Not Attained
CO 5	Make use of Matlab and Simu-link for simulating the motion of aircraft and re-entry vehicles.	0.3	0.0	0.3	Not Attained
CO 6	Build the mathematical model by using different techniques for simulating satellite attitude dynamics.	0.3	0.0	0.3	Not Attained

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

- CO 1: Practical oriented problems may be discussed
- CO 2: Digital content will be given for better understanding
- CO 3: Application oriented problems may be given
- CO 4: Real time problems will be discussed for more clarity
- CO 5: Real time problem may be discussed
- CO 6: Remedial classes may be conducted


Course Coordinator


Mentor


HOD-AE
Head of the Department
Aeronautical Engineering
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