



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## AERONAUTICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of Faculty:	Dr. Bodavula Aslesha	Department:	Aerospace Engineering
Regulation:	PG-21	Batch:	2021-2023
Course Name:	Flight Simulation And Controls Laboratory	Course Code:	BAEC23
Semester:	IInd Semester	Target Value:	1.8

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1	Choose the appropriate flight path using flight simulator for simulating the un-accelerated and accelerated flights.	3.0	0.0	3.0	Attained
CO 2	Estimate the take-off velocity, ground roll distance, and landing distance using flight simulator for the Cessna aircraft.	3.0	0.0	3.0	Attained
CO 3	Make use of flight simulator's mission profiles for simulating the different flight manoeuvres.	3.0	0.0	3.0	Attained
CO 4	Examine the longitudinal and lateral perturbed stability of aircraft for obtaining desired operational ability.	3.0	0.0	3.0	Attained
CO 5	Analyze lateral and directional coupled dynamic stability for a given aircraft to simulate spin recovery.	3.0	0.0	3.0	Attained
CO 6	Determine turn rates, radius and barrel roll by using flight simulator for assessing flight performance in given condition.	3.0	0.0	3.0	Attained

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

*Aslesha B*  
Course Coordinator

*Aslesha B*  
Mentor

*[Signature]*  
HOD-AE

Head of the Department  
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