



**INSTITUTE OF AERONAUTICAL ENGINEERING**  
(Autonomous)

Dundigal, Hyderabad - 500 043

**AERONAUTICAL ENGINEERING**


**ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT**


Name of Faculty:	Mr.V Phaninder Reddy	Department:	Aerospace Engineering
Regulation:	R-18	Batch:	2019-2021
Course Name:	Flight Simulation And Controls Laboratory	Course Code:	BAEB19
Semester:	II 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	-	3	Attained
CO 2	Estimate the take-off velocity, ground roll distance, and landing distance using flight simulator for the Cessna aircraft.	3	-	3	Attained
CO 3	Make use of flight simulator's mission profiles for simulating the different flight manoeuvres.	3	-	3	Attained
CO 4	Examine the longitudinal and lateral perturbed stability of aircraft for obtaining desired operational ability.	3	-	3	Attained
CO 5	Analyze lateral and directional coupled dynamic stability for a given aircraft to simulate spin recovery.	3	-	3	Attained
CO 6	Determine turn rates, radius and barrel roll by using flight simulator for assessing flight performance in given condition.	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  
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