



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

AEROSPACE ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. PRASANTA KUMAR MOHANTA	Department:	Aerospace Engineering
Regulation:	IARE - R21	Batch:	2022-2024
Course Name:	Flight Simulation and Controls Laboratory	Course Code:	BAEC23
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Choose the appropriate flight path using flight simulator for simulating the un-accelerated and accelerated flights.	3.00	0.00	3	Attained
CO2	Estimate the take-off velocity, ground roll distance, and landing distance using flight simulator for the Cessna aircraft.	3.00	0.00	3	Attained
CO3	Make use of flight simulator's mission profiles for simulating the different flight manoeuvres.	3.00	0.00	3	Attained
CO4	Examine the longitudinal and lateral perturbed stability of aircraft for obtaining desired operational ability.	3.00	0.00	3	Attained
CO5	Analyze lateral and directional coupled dynamic stability for a given aircraft to simulate spin recovery.	3.00	0.00	3	Attained
CO6	Determine turn rates, radius and barrel roll by using flight simulator for assessing flight performance in given condition.	3.00	0.00	3	Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)

Course Coordinator

Mentor

Head of the Department
Aeronautical Engineering
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