INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	**M Snigdha**	Department:	**Aeronautical Engineering**
Regulation:	**IARE - R16**	Batch:	**2017 - 2021**
Course Name:	**Introduction to Aerospace Engineering**	Course Code:	**AAE001**
Semester:	**III**	Target Value:	**55% (1.8)**

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1	Demonstrate the various flight vehicles, missiles, and standard atmosphere for updating the status and working knowledge of the flight vehicles.	3	2.1	2.8	Attainment target reached
CO 2	Illustrate the solar system, space environment, and laws of gravitation for the construction of space vehicles.	2	2.1	2.0	Attainment target reached
CO 3	Explain the anatomy of an airplane, aerodynamic forces, and aerofoil characteristics for attaining the aerodynamic characteristics of an aircraft.	1.6	2.1	1.7	Attainment target is not yet reached
CO 4	Classify the types of flight vehicle performance parameters and stability controls for estimating the vehicle attitude and its resulting flight path.	1.6	2.1	1.7	Attainment target is not yet reached
CO 5	Make use of the skeletal structure of an aircraft, materials, basic ideas about engines, and rockets for identifying the development and output performance of the design.	2.3	2.1	2.3	Attainment target reached
CO 6	Apply the knowledge of subsystems of satellites and space missions for developing the communication between the Earth and the outer atmosphere.	0.6	2.1	0.9	Attainment target is not yet reached

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

CO 3: Digital content for the anatomy of the plane may be included in classroom teaching for better understanding.

CO 4: Advanced reference content may be prescribed for better understanding of the concept.

CO 6: Video content and web resources may be given for better understanding of the concepts.

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

Head of the Department
Aeronautical Engineering