INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. I SEETHA RAMA RAO	Department:	Aeronautical Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	AIRCRAFT PRODUCTION TECHNOLOGY	Course Code:	AAEB16
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	Observation
CO1	Demonstrate the classification of engineering materials, heat treatment and corrosion prevention process required for aircraft materials for the enhancement of mechanical properties.	0.90	2.20	1.2	Not Attained
CO2	Classify the process of casting and welding methods for identifying their suitability manufacturing process in aircraft industry.	0.90	2.30	1.2	Not Attained
CO3	Demonstrate the NDT testing methods viz, Dye penetrating technique, ultrasonic testing, magnetic particle inspections and radiography testing for producing defect free aircraft components.	0.90	2.20	1.2	Not Attained
CO4	Explain the types and applications of sheet metal operations for reducing used in aircraft production.	0.90	2.20	1.2	Not Attained
CO5	Explain the techniques of Riveting process for manufacturing of integral tanks and final assembly of aircraft.	0.90	2.20	1.2	Not Attained
CO6	Identify the use of Jigs and fixtures in manufacturing process for improving the productivity with minimum cost in aircraft industry	0.90	2.20	1.2	Not Attained

Action Taken:

CO1: Digital content and videos are given in classes for a better understanding of concept

CO2: Digital content is given to enhance the knowledge of manufacturing process,.

CO3: Digital content and videos are given in classes for a better understanding of concept

CO4: Digital content is given to enhance the knowledge in sheet metal production processes.

CO5: Digital content and videos are given in classes for a better understanding of concept

CO6: Digital content is given to enhance the knowledge of use of jigs in manufacturing.

Course Coordinator   Mentor   Head of the Department