



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## AERONAUTICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. D GOVARDHAN	Department:	Aeronautical Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	AIRCRAFT PRODUCTION TECHNOLOGY	Course Code:	AAEB16
Semester:	V	Target Value:	60% (1.8)

#### Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Demonstrate the classification of engineering materials, heat treatment and corrosion prevention process required for aircraft materials for the enhancement of mechanical properties.	3.00	2.40	2.9	Attained
CO2 Classify the process of casting and welding methods for identifying their suitability manufacturing process in aircraft industry.	3.00	2.40	2.9	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.	3.00	2.40	2.9	Attained
CO4 Explain the types and applications of sheet metal operations for reducing used in aircraft production.	3.00	2.50	2.9	Attained
CO5 Explain the techniques of Riveting process for manufacturing of integral tanks and final assembly of aircraft.	3.00	2.40	2.9	Attained
CO6 Identify the use of Jigs and fixtures in manufacturing process for improving the productivity with minimum cost in aircraft industry	0.90	2.40	1.2	Not Attained


#### Action taken report:

CO6:

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

  
Course Coordinator

  
Mentor

  
Head of the Department  
Aeronautical Engineering  
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