



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. NAVEENKRISHNA ALLA	Department:	Civil Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Mechanical Properties of Materials	Course Code:	AMEB54
Semester:	V	Target Value:	50% (1.5)


Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Summarize the types of materials and their related aerospace engineering applications.	1.60	2.20	1.7	Attained
CO2	Interpret the mechanical behavior of materials by relating the continuum descriptions to the microscopic and/or atomistic mechanisms.	1.60	2.20	1.7	Attained
CO3	Explain the basic physical principles underlying the mechanical properties of materials influencing efficacy of product.	2.30	2.20	2.3	Attained
CO4	Relate the microscopic structure and the macroscopic mechanical properties of tailor-made materials for aerospace structural member working and maintenance.	2.30	2.20	2.3	Attained
CO5	Describe the behavior of metals under applied loads at the atomic-scale origin for specific aspects of stress-strain responses of an aero-systems.	2.30	2.20	2.3	Attained
CO6	Classify the plastic behaviors of crystalline and non-crystalline materials influencing the product lifecycle as per end user requirements.	2.30	2.20	2.3	Attained

Action Taken:


Course Coordinator


Mentor


Head of the Department
Civil Engineering
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