



INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. V MAHIDHAR REDDY	Department:	Aeronautical Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Mechanical Properties of Materials	Course Code:	AMEB54
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Summarize the types of materials and their related aerospace engineering applications.	0.90	2.10	1.1	Not Attained
CO2 Interpret the mechanical behavior of materials by relating the continuum descriptions to the microscopic and/or atomistic mechanisms.	0.90	2.10	1.1	Not Attained
CO3 Explain the basic physical principles underlying the mechanical properties of materials influencing efficacy of product.	0.90	2.10	1.1	Not Attained
CO4 Relate the microscopic structure and the macroscopic mechanical properties of tailor-made materials for aerospace structural member working and maintenance.	0.90	2.00	1.1	Not 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.	0.90	2.10	1.1	Not Attained
CO6 Classify the plastic behaviors of crystalline and non-crystalline materials influencing the product life cycle as per end user requirements.	0.90	2.00	1.1	Not Attained

Action Taken:

CO1: Extra inputs are given to enhance the knowledge

CO2: Digital content and videos are given in classes for a better understanding of concept.

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


CO4: Digital content and videos are given in classes for a better understanding of concept.

CO5: Extra inputs are given to enhance the knowledge

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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