



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mr. A Venuprasad	Department:	ME
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Non Destructive Testing	Course Code:	AME526
Semester:	VI	Target Value:	60% (1.8)

Attainment of COs:


Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Memorise the testing techniques for Visual examination, direct and indirect methods, liquid penetrant and magnetic particle testing for the surface methods. Non Destructive Testing and Testing methods understand for defects and characterization of industrial components	3.00	1.80	2.8	Attainment target reached
CO2	Discuss the Principle of ultrasonic testing, methods, equipment, evaluation, interpretation and applications of non destructive testing methods to obtaining the evaluation of testing result.	3.00	2.20	2.8	Attainment target reached
CO3	Describe the principles, films, radiography equipment, variables to examine the internal structure of manufactured components identifying any flaws or defects.	3.00	2.50	2.9	Attainment target reached
CO4	Describe the process of radiographic image quality and it's techniques and safety to inspecting the characteristics of contrast, Optical density, image detail and distortion.	3.00	2.50	2.9	Attainment target reached
CO5	Execute the advanced Non destructive methods of phase array and special radiographic techniques for evaluate the properties of a material or product.	3.00	2.50	2.9	Attainment target reached
CO6	Execute the principles acoustic, emission inspection and industrial computed tomography to evaluate the properties of a material, component or system without causing damage.	3.00	2.50	2.9	Attainment target reached

2.9

Action taken report: In this course all the CO's are attained. So no need to take corrective action.


Course Coordinator


Mentor


Head of the Department
Mechanical Engineering
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