



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. G ARAVIND REDDY	Department:	Mechanical Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	MANUFACTURING PROCESSES	Course Code:	AMEB05
Semester:	III	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Outline the steps involved in making a casting the desired pattern for automotive industry components cylinder heads, engine blocks etc	2.00	2.20	2	Attained
CO2 Categorize various defects and shortcomings during gas welding operation such as TIG, MIG and Spot welding etc. for real time applications.	2.00	2.20	2	Attained
CO3 Illustrate the properties and bonding techniques of plastics for various plastic molding techniques.	0.70	2.20	1	Not Attained
CO4 Apply the appropriate metal forming techniques, for producing components like hexagonal bolt, nut etc.	1.40	2.40	1.6	Not Attained
CO5 Explain the working principle of hot and cold extrusion processes and their application in industries for making of pipes and tubes.	2.30	2.40	2.3	Attained
CO6 Classify the various forging techniques based on functionality, cost and time in development of critical products	2.30	2.40	2.3	Attained

Action Taken:

CO3: More assignments are to be given on the properties and bonding techniques of plastics for various plastic molding techniques.

CO4: More assignments to be given on the different metal forming techniques.

Course Coordinator

Mentor

Head of the Department

Head of the Department
 Mechanical Engineering
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