



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. CH SANDEEP	Department:	Mechanical Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Design for Manufacturing	Course Code:	AMEC42
Semester:	VII	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Identify the concepts of design for manufacturing for product development which minimizes part count in manufacturing process	2.70	1.90	2.5	Attained
CO2	Make use of the suitable materials for product manufacturing in engineering applications to eliminate expensive and complex features.	2.70	1.90	2.5	Attained
CO3	Select the proper gating and riser system needed for casting requirements to achieve defect/error free components	1.60	1.90	1.7	Not Attained
CO4	Categorize various defects and shortcomings during gas welding operation such as TIG, MIG and Spot welding for real time applications	3.00	1.90	2.8	Attained
CO5	Apply the principles of design for manufacturing processes manual and automated assembly, economical production and material selection.	2.30	1.90	2.2	Attained
CO6	Select the assemble process for assembly transfer systems, Automatic Assembly Transfer Systems and indexing mechanisms for development of assemble process in industries	2.30	1.90	2.2	Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)

CO3: More assignments on selection of the proper gating and riser system needed for casting requirements to achieve defect/error free components to be given.


Course Coordinator


Mentor


Head of the Department

Head of the Department
Mechanical Engineering
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