



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. G SARAT RAJU	Department:	Mechanical Engineering
Regulation:	IARE - UG20	Batch:	2022-2026
Course Name:	Automobile Engineering	Course Code:	AMEC44
Semester:	VII	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Identify the basic components of automobile and working principles Of fuel injection systems to meet the load demands.	2.70	2.20	2.6	Attained
CO2 Compare the various ignition systems, electrical circuits and operation process of various types of cooling systems used in automobile.	2.70	2.30	2.6	Attained
CO3 Analyze the power transmission through clutches, gears, propeller shafts, universal joints and differential gear boxes to achieve differential outputs.	3.00	2.20	2.8	Attained
CO4 Demonstrate different suspension systems used in motor bikes, cars, trucks for effective travel under several load conditions.	3.00	2.20	2.8	Attained
CO5 Select the correct braking system, steering mechanism by comparing various systems and mechanisms in order to run vehicle smoothly.	3.00	2.20	2.8	Attained
CO6 Choose the suitable system and its technological developments for environmental friendly automobiles in the real world applications.	3.00	2.30	2.9	Attained

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


Course Coordinator


Mentor


Head of the Department

Head of the Department
Mechanical Engineering
IARE - UG20
Dundigal, Hyderabad - 500043, Telangana