



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. VVS HARNADH PRASAD	Department:	Mechanical Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	KINEMATICS OF MACHINES	Course Code:	AMEB10
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Discuss the types of the kinematic synthesis for building a mechanism/Machine for mobility.	2.30	2.40	2.3	Attained
CO2 Illustrate the velocity and acceleration analysis of various mechanisms by relative velocity method and I Center method.	2.00	2.40	2.1	Attained
CO3 Identify the various mechanisms for the approximate straight line motions.	0.90	2.40	1.2	Not Attained
CO4 Justify the importance of steering gear mechanisms for optimum operation of automobile vehicles.	1.70	2.40	1.8	Attained
CO5 Develop the Cam profiles for different motions of various followers	2.40	2.40	2.4	Attained
CO6 Illustrate the design function of planetary gear train system and its methods of evaluation for gear train value.	1.00	2.40	1.3	Not Attained

Action Taken:

CO3: More assignments on approximate straight line motions.

CO6: More assignments to be given on gear train problems.


Course Coordinator


Head of Department


Head of the Department

Head of the Department
Mechanical Engineering
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