



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mr. VKVS Krishnam Raju	Department:	ME
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Kinematics of Machinery	Course Code:	AME009
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.	2.00	2.40	2.1	Attainment target reached
CO2	Illustrate the velocity and acceleration analysis of various mechanisms by relative velocity method and I Center method.	0.90	2.40	1.2	Attainment target not reached
CO3	Identify the various mechanisms for the approximate straight line motions.	1.60	2.40	1.8	Attainment target reached
CO4	Justify the importance of steering gear mechanisms for optimum operation of automobile vehicles.	0.90	2.40	1.2	Attainment target not reached
CO5	Develop the Cam profiles for different motions of various followers.	2.30	2.40	2.3	Attainment target reached
CO6	Illustrate the design function of planetary gear train system and its methods of evaluation for gear train value.	2.00	2.40	2.1	Attainment target reached


Action taken report:

CO2: Additional tutorial hours required to practice for determination of relative velocity and I centre methods.

CO4: More practice required to explain the importance of steering gear mechanisms.


Course Coordinator


Mentor


HOD
Head of the Department
Mechanical Engineering
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