



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## MECHANICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. K VISWANATH ALLAMRAJU	Department:	Mechanical Engineering
Regulation:	IARE - R20	Batch:	2021-2025
Course Name:	Kinematics of Machinery	Course Code:	AMEC10
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	2.30	2.1	Attained
CO2 Illustrate the velocity and acceleration analysis of various mechanisms by relative velocity method and I Center method	0.60	2.30	0.9	Not Attained
CO3 Identify the various mechanisms for the approximate straight line motion	1.60	2.20	1.7	Not Attained
CO4 Justify the importance of steering gear mechanisms for optimum operation of automobile vehicles	2.10	2.20	2.1	Attained
CO5 Develop the Cam profiles for different motions of various followers	3.00	2.30	2.9	Attained
CO6 Illustrate the design function of planetary gear train system and its methods of evaluation for gear train value	1.40	2.30	1.6	Not Attained

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

CO2: More assignments to be given on velocity and acceleration analysis of various mechanisms.

CO3: More tutorials to be conducted on straight line motion mechanisms.

CO6: More assignments to be given on evaluation of planetary gear train system.

  
Course Coordinator

  
Mentor

  
Head of the Department

Head of the Department  
Mechanical Engineering  
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