



## INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## MECHANICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	<b>Dr. VVS HARNADH PRASAD</b>	Department:	<b>Mechanical Engineering</b>
Regulation:	<b>IARE - UG20</b>	Batch:	<b>2022-2026</b>
Course Name:	<b>Kinematics of Machinery</b>	Course Code:	<b>AMEC10</b>
Semester:	<b>IV</b>	Target Value:	<b>60% (1.8)</b>

#### Attainment of COs:

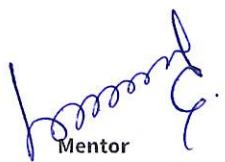
	<b>Course Outcome</b>	<b>Direct Attainment</b>	<b>Indirect Attainment</b>	<b>Overall Attainment</b>	<b>Observation</b>
CO1	Discuss the types of the kinematic synthesis for building a mechanism/Machine for mobility	0.90	2.40	1.2	Not Attained
CO2	Illustrate the velocity and acceleration analysis of various mechanisms by relative velocity method and I Center method	0.90	2.40	1.2	Not Attained
CO3	Identify the various mechanisms for the approximate straight line motion	1.60	2.50	1.8	Attained
CO4	Justify the importance of steering gear mechanisms for optimum operation of automobile vehicles	1.60	2.50	1.8	Attained
CO5	Develop the Cam profiles for different motions of various followers	1.60	2.50	1.8	Attained
CO6	Illustrate the design function of planetary gear train system and its methods of evaluation for gear train value	0.90	2.40	1.2	Not Attained

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

CO1: Assignments to be given on types of the kinematic mechanism/Machine.

CO2: More problems to be solved on velocity and acceleration diagrams.

CO6: Tutorials to be conducted on design of planetary gear train.

  
Course Coordinator  
Mentor  
Head of the Department

Head of the Department  
Mechanical Engineering  
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