



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 - UG20** Batch: **2022-2026**
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	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

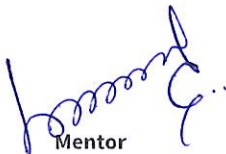
Action Taken Report: (To be filled by the concerned faculty / course coordinator)

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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