



## MECHANICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	<b>Mr. B VIJAY KRISHNA</b>	Department:	<b>Mechanical Engineering</b>
Regulation:	<b>IARE - R20</b>	Batch:	<b>2020-2024</b>
Course Name:	<b>Machine Design</b>	Course Code:	<b>AMEC28</b>
Semester:	<b>VI</b>	Target Value:	<b>60% (1.8)</b>

#### Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Undersrtand the lubrication processes of various surface contact bearings and their basic features, terminology and limitations for low speed applications.	3.00	2.00	2.8	Attained
CO2 Discuss the elemental design procedures for various IC engine parts for automobiles applications.	2.00	2.00	2	Attained
CO3 Apply the design procedures to calculate the performance of various belt and rope drives for improving transmission efficiencies.	3.00	2.00	2.8	Attained
CO4 Implement process of checking for dynamic and wear considerations for helical, bevel and worm gears.	2.30	2.00	2.2	Attained
CO5 Design of internal combustion engine component by applying the structural and thermal loads to meet the input design specifications using equilibrium equation.	3.00	2.00	2.8	Attained
CO6 Identify the kinematic synthesis for power transmission systems and their scope of application.	3.00	2.00	2.8	Attained

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

  
Course Coordinator

  
Mentor

  
Head of the Department

Head of the Department  
Mechanical Engineering  
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