



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad -500 043  
MECHANICAL ENGINEERING

## ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	<b>Dr G.V.R Seshagiri Rao</b>	Department:	<b>ME</b>
Regulation:	<b>IARE - R16</b>	Batch:	<b>2016 - 2020</b>
Course Name:	<b>Design of Machine Members</b>	Course Code:	<b>AME012</b>
Semester:	<b>V</b>	Target Value:	<b>60% (1.8)</b>


### Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Outline the knowledge of design process and design standards, theories of failures, analyzes the stresses and strains for various machine elements.	2.30	1.80	2.2	Attainment target reached
CO2	Develop the Design procedure of riveted joints and welded joints for engineering applications like boilers, pressure vessels, ships and trusses.	2.30	2.20	2.3	Attainment target reached
CO3	Classify various types of keys and cotter joints used to employee secure to gears, pulleys, disc applications.	3.00	2.30	2.9	Attainment target reached
CO4	Develop the design procedures of knuckle joint for different loading conditions in propeller applications.	3.00	2.20	2.8	Attainment target reached
CO5	Select appropriate design procedures on the basis of strength, torsional rigidity for shafts and Couplings.	2.30	2.20	2.3	Attainment target reached
CO6	Evaluate the natural frequency, energy storage, stresses and deflections of helical spring s for static and fatigue loadings.	3.00	2.20	2.8	Attainment target reached

**Action taken report:** In this course all the CO's are attained. So no need to take corrective action

  
**Course Coordinator**

  
**Mentor**

  
Head of the **HOD** Department  
Mechanical Engineering  
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