INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. B VIJAY KRISHNA**	Department:	**Mechanical Engineering**
Regulation:	**IARE - UG20**	Batch:	**2022-2026**
Course Name:	**Design of Machine Elements**	Course Code:	**AMEC14**
Semester:	**IV**	Target Value:	**60% (1.8)**

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, analyses the stresses and strainsfor various machine elements.	2.30	2.50	2.3	Attained
CO2	Develop the Design procedure of riveted joints and welded joints for engineering applications like boilers, pressure vessels, ships and trusses.	2.30	2.40	2.3	Attained
CO3	Classify various types of keys and cotter joints used to employee secure to gears, pulleys, disc applications.	2.70	2.50	2.7	Attained
CO4	Develop the design procedures of knuckle joint for different loading conditions in propeller applications.	2.70	2.50	2.7	Attained
CO5	Select appropriate design procedures on the basis of strength, torsional rigidity for shafts and Couplings.	2.00	2.50	2.1	Attained
CO6	Evaluate the natural frequency, energy storage, stresses and deflections of helical springs for static and fatigue loadings.	1.60	2.50	1.8	Attained

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

Course Coordinator

Mentor

Head of the Department

Head of the Departme
Mechanical Engineerin
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Dundigal, Hyderabad - 500