



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mr G Sarat Raju	Department:	ME
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Design of Hydraulic and Pneumatic Systems	Course Code:	AME519
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Identify the importance of Properties of fluids and how hydraulic fluid is used in transmitting the power in hydraulic machinery.	3.00	2.00	2.8	Attainment target reached
CO2	Analyze the fluid flow problems in the pumps and can select the pump which is suitable for the particular scenario.	1.60	2.00	1.7	Attainment target not reached
CO3	Understand the different elements of power pack and how safety is important while selecting the particular power pack.	3.00	2.00	2.8	Attainment target reached
CO4	Design the various types of hydraulic circuits and actuators used in power transmitting.	0.90	2.30	1.2	Attainment target not reached
CO5	Utilize Hydraulic and pneumatic equipment in the process of automation.	3.00	2.30	2.9	Attainment target reached
CO6	Develop efficient hydraulic circuits by knowing the operating principles of hydraulic systems in order to run with minimal maintenance	3.00	2.30	2.9	Attainment target reached


Action taken report:

CO2: More practice required to Analyze the fluid flow problems in the pumps

CO4: Additional Tutorial hours required to solve more problems in Design of hydraulic circuits and actuators

Course Coordinator

Mentor


Head of the Department
Mechanical Engineering
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