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

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Mr. M PRAVEEN**	Department:	**Mechanical Engineering**
Regulation:	**IARE - R18**	Batch:	**2018-2022**
Course Name:	**Engineering Chemistry Laboratory**	Course Code:	**AHSB09**
Semester:	**II**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Explain the mechanism of chemical reactions for synthesizing drug molecules.	1.60	0.00	1.6	Not Attained
CO2	Identify the total hardness, amount of chloride content in water by volumetric analysis for finding the hardness causing salts in water.	1.60	0.00	1.6	Not Attained
CO3	Make use of conductometric and potentiometric titrations for finding the concentration of unknown solutions.	1.60	0.00	1.6	Not Attained
CO4	Compare different types of liquids for finding the surface tension and viscosity of lubricants.	1.60	0.00	1.6	Not Attained
CO5	Explain the rate of chemical reactions for understanding the control of reaction conditions to increase the production of reaction products.	1.60	0.00	1.6	Not Attained
CO6	Relate the importance of adsorption techniques, chromatography for separating the components of a reaction mixture.	1.60	0.00	1.6	Not Attained

Action Taken:

CO1: More explanation may be given on the mechanism of chemical reactions for synthesizing drug molecules.

CO2: More practice may be given to find the hardness causing salts in water by volumetric analysis.

CO3: More practice may be given to find the concentration of unknown solutions by conductometric and potentiometric titrations.

CO4: More practice may be given to find the surface tension and viscosity of lubricants.

CO5: More explanation may be given on the rate of chemical reactions and their control to increase the production of reaction products.

CO6: More explanation may be given on the importance of adsorption techniques, and chromatography for separating the components of a reaction mixture.

Course Coordinator

Mentor

Head of the Department

Head of the Department
Mechanical Engineering
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