



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	Mr. Chandra Prakash	Department:	ECE
Regulation:	IARE-R16	Branch:	2017-2021
Course Name:	Engineering physics and chemistry laboratory	Course Code:	AHS104
Semester:	I	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Overall Attainment	Observations
CO1	Illustrate the functioning of optoelectronic devices like LED and solar cell from Voltage/Light vs. current characteristics.	1.4	Attainment target is not yet reached
CO2	Apply practical knowledge of RC circuit, semiconductor physics and optical fiber communication in real time application.	1.4	Attainment target is not yet reached
CO3	Explore magnetic induction in a current loop with the help of Tangent's law.	1.4	Attainment target is not yet reached
CO4	Identify the total hardness, dissolved oxygen in water by volumetric analysis for finding the hardness causing salts in water.	1.4	Attainment target is not yet reached
CO5	Make use of conductometric and potentiometric titrations for finding the concentration of unknown solutions.	1.4	Attainment target is not yet reached
CO6	Explain the importance of different types of materials for understanding their composition and applications.	1.4	Attainment target is not yet reached

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

CO 1: Conducting practice labs on the functioning of optoelectronic devices like LED and solar cell.


CO 2: Conducting repetition labs on RC circuit, semiconductor physics and optical fiber communication experiments.

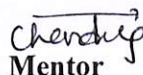
CO 3: Open ended experiments are conducted on magnetic induction in a current loop with the help of Tangent's law.

CO 4: Conducting practice labs on total hardness, dissolved oxygen in water by volumetric analysis.

CO 5: Conducting repetition labs on use of conductometric and potentiometric titrations for finding the concentration of unknown solutions.

CO 6: Open ended experiments on importance of different types of materials for understanding their composition and applications.


Course Coordinator


Mentor


HOD

Head of the Department
Electronics and Communication Engineering
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