INSTITUTE OF AERONAUTICAL ENGINEERING

I A R E

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	Mr. Md Khadhir	Department:	ECE
Regulation:	IARE-R16	Branch:	2017-2021
Course Name:	EMI	Course Code:	AEC014
Semester:	VI	Target Value:	60% (1.8)

Attainment of Cos:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Illustrate the fundamentals and working principle of analog and digital instruments for measuring of electrical parameters.	2.3	2.4	2.3	Attainment target reached
CO2	Demonstrate the building blocks and functionality of oscilloscopes to display and measure the parameters of the signals	2.3	2.4	2.3	Attainment target reached
CO3	Utilize the signal generators to produce various signals for design and test the signal applications.	0.9	2.4	1.2	Attainment target is not yet reached
CO4	Analyze the relative amplitude of the signal and its harmonic components in frequency domain by using Signal Analyzers	2.3	2.4	2.3	Attainment target reached
CO5	Identify appropriate bridge circuits for the measurement of unknown electrical parameters	1.6	2.4	1.8	Attainment target is not yet reached
CO6	Select the suitable transducers for measuring electrical and non-electrical parameters to resolve the real-world problem	0.9 .	2.4	0.7	Attainment target is not yet reached

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

CO3: Conducting Guest lectures on building blocks and functionality of oscilloscopes

CO5: Additional inputs will be provided on functionality of oscilloscopes to display and measure the parameters of the signals for better understanding

CO6: Giving assignments and conducting tutorials on transducers for measuring electrical and non-electrical parameters for more practice

Course Coordinator   **Mentor**   **HOD**