



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. Md Khadhir	Department:	ECE
Regulation:	IARE-R16	Batch:	2016-2020
Course Name:	Electronic Measurement and Instrumentation	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.	3.00	2.50	2.9	Attained
CO2	Demonstrate the building blocks and functionality of oscilloscopes to display and measure the parameters of the signals	0.90	2.50	1.2	Not attained
CO3	Utilize the signal generators to produce various signals for design and test the signal applications.	1.60	2.50	1.8	Attained
CO4	Analyze the relative amplitude of the signal and its harmonic components in frequency domain by using Signal Analyzers	1.60	2.50	1.8	Attained
CO5	Identify appropriate bridge circuits for the measurement of unknown electrical parameters	1.60	2.50	1.8	Attained
CO6	Select the suitable transducers for measuring electrical and non-electrical parameters to resolve the real-world problem	3.00	0.00	2.4	Attained

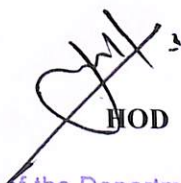
Action Taken Report: (To be filled by the concerned faculty / course coordinator)

In this Course, the CO2 requires additional attention and it is improved by

1. Conducting Guest lectures on building blocks and functionality of oscilloscopes.
2. Additional inputs will be provided on functionality of oscilloscopes to display and measure the parameters of the signals for better understanding.
3. Giving assignments and conducting tutorials on transducers for measuring electrical and non-electrical parameters for more practice.


Course Coordinator


Mentor


HOD
Head of the Department
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