

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. Mohammad Khadir	Department:	ECE	
Regulation:	R18	Branch:	2019-2023	
Course Name:	Electronic Measurements and Instrumentation	Course Code:	AECB32	
Semester:	V	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.	1.3	2.2	1.5	Attainment target is not yet reached
CO2	Demonstrate the building blocks and functionality of oscilloscopes to display and measure the parameters of the signals	1.3	2.2	1.5	Attainment target is not yet reached
CO3	Utilize the signal generators to produce various signals for design and test the signal applications	1.6	2.2	1.7	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	0.9	2.2	1.2	Attainment target is not yet reached
CO5	Identify appropriate bridge circuits for the measurement of unknown electrical parameters	2	2.2	2	Attainment target reached
CO6	Select the suitable transducers for measuring electrical and non-electrical parameters to resolve the real-world problem	1.3	2.2	1.5	Attainment target is not yet reached

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

CO1: Additional applied physics and mathematical calculations inputs will be provided on circuits for understanding analog and digital instruments and measurements.

CO2: Conducting tutorials on digital oscilloscopes, and provide assignments on lissajous figures.

CO3: Provide assignments on signal generators for test the signals.

CO4: Conducting tutorials and provide assignments on signal and its harmonic components in frequency domain by using Signal Analyzers

CO6: Conducting Guest lectures on sensors and MEMS for improving students performance.

Course Coordinator

Mentor

PIOD.

Dr. P. Ashok Babu, M.E. Ph.D Professor & Head

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