



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty: **Dr. B PRASHANTH** Department: **Electronics and Communication Engineering**
Regulation: **IARE - UG20** Batch: **2022-2026**
Course Name: **Electronic Measurements and Instrumentation** Course Code: **AECC20**
Semester: **V** Target Value: **60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Illustrate the fundamentals and working principle of analog and digital instruments for measuring of electrical parameters.	0.90	2.20	1.2	Not Attained
CO2	Demonstrate the building blocks and functionality of oscilloscopes to display and measure the parameters of the signals	2.30	2.20	2.3	Attained
CO3	Utilize the signal generators to produce various signals for design and test the signal processing applications.	0.90	2.20	1.2	Not Attained
CO4	Analyze the relative amplitude of the signal and its harmonic components in frequency domain by using Signal Analyzers.	0.90	2.20	1.2	Not Attained
CO5	Identify appropriate bridge circuits for the measurement of unknown electrical parameters.	1.60	2.20	1.7	Not Attained
CO6	Select the suitable transducers for measuring electrical and non-electrical parameters to resolve the real-world problem.	0.90	2.20	1.2	Not Attained

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

CO1: Guest lectures will be conduct on fundamentals and working principle of analog and digital instruments for measuring of electrical parameters.

CO3: Tutorial Classes will be conduct on various signals for design and test the signal processing applications.

CO4: Assignments will be given on signal and its harmonic components in frequency domain by using Signal Analyzers.

CO5: Assignments will be given on bridge circuits for the measurement of unknown electrical parameters.

CO6: Guest lectures will be conduct on transducers for measuring electrical and non-electrical parameters.


Course Coordinator


Mentor


Head of the Department

Dr. P. MUNASWAMY M.Tech, Ph.D, MISTE
Professor & Head
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